

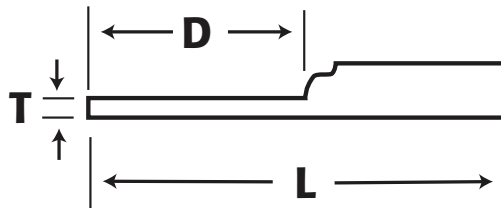
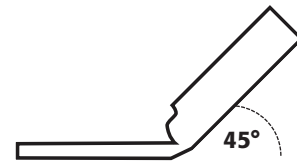
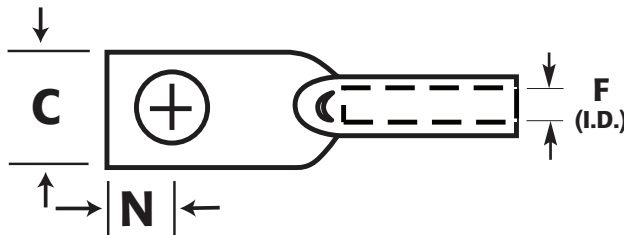
One-Hole Copper Compression Terminal Lugs— Short Barrel with Sight Hole

Type CL for cable to flat



Features

- Accommodates #14 to 1000 MCM.
- Short barrel for installation in minimum space.
- Available with nonstandard holes or undrilled tongue.
- Manufactured from high-grade, high-conductivity seamless copper tubing.
- Tin plated to minimize corrosion. Available unplated or with special plating.
- Color coded for wire size.



- Add suffix for desired bend. For example, to get the above terminal lug, add suffix **-45** for a 45° bend.

Call to order, or to discuss other options. Use the tables on the following pages for standard lugs. Use the matrix below to specify other options.

Part Numbering Variations Matrix

CL - 4/0 - 3/8 - 30 - NP

Conductor Size

Bolt Size
(omit for blank tongue)

Tongue Angle
(omit for straight tongue)

Additional Suffixes:
NP – No Plating
BT – Blank Tongue
M – Matte Tin
2N – NEMA spacing

The example above calls out a one-hole copper compression terminal lug with a short barrel and sight hole, which accommodates a 4/0 conductor and a 3/8" bolt, with a 30° bend and no plating.

Connectors – Terminal Lugs

One-Hole Copper Compression Terminal Lugs— Short Barrel with Sight Hole, Type CL for cable to flat, *continued*

Cable Size	Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	C	D	F	L	N	T	Wire Strip Length	Catalog Number
14 str.–10 str	None	Y8MRB-1 (1)	ERG2002 (1)	#10	1 ¹ / ₃₂ "	35 ⁵ / ₆₄ "	0.13"	1 ¹ / ₁₆ "	15 ⁵ / ₆₄ "	1 ¹ / ₁₆ "	7 ¹ / ₁₆ "	CL-10-10
				1/4	7 ¹ / ₁₆ "	5 ⁷ / ₈ "	0.13"	1 ¹ / ₈ "	1 ¹ / ₄ "	1 ¹ / ₁₆ "		CL-10-1/4
8 str.	Red	49 (1)	21 (1)	#10	3 ⁷ / ₈ "	35 ⁵ / ₆₄ "	0.18"	1 ¹ / ₃₂ "	15 ⁵ / ₆₄ "	1 ¹ / ₁₆ "	7 ¹ / ₁₆ "	CL-8-10
				1/4	27 ¹ / ₆₄ "	5 ⁷ / ₈ "	0.18"	1 ³ / ₃₂ "	1 ¹ / ₄ "	1 ¹ / ₁₆ "		CL-8-1/4
6 str.	Blue	374/7 (1)	24 (1)	#10	13 ¹ / ₃₂ "	35 ⁵ / ₆₄ "	0.22"	1 ¹ / ₄ "	15 ⁵ / ₆₄ "	5 ⁵ / ₆₄ "	1 ¹ / ₁₆ "	CL-6-10
				1/4	27 ¹ / ₆₄ "	5 ⁷ / ₈ "	0.22"	1 ²¹ / ₆₄ "	1 ¹ / ₄ "	5 ⁵ / ₆₄ "		CL-6-1/4
				5 ¹ / ₁₆	1 ¹ / ₂ "	3 ¹ / ₄ "	0.22"	1 ²⁹ / ₆₄ "	21 ¹ / ₆₄ "	5 ⁵ / ₆₄ "		CL-6-5/16
				3 ⁷ / ₈	17 ¹ / ₃₂ "	27 ¹ / ₃₂ "	0.22"	1 ³⁵ / ₆₄ "	23 ¹ / ₆₄ "	1 ¹ / ₁₆ "		CL-6-3/8
5 str.	Blue	374/7 (1)	24 (1)	#10	29 ⁵ / ₆₄ "	35 ⁵ / ₆₄ "	0.25"	1 ²¹ / ₆₄ "	15 ⁵ / ₆₄ "	3 ⁵ / ₃₂ "	1 ¹ / ₁₆ "	CL-5-10
				1/4	29 ⁵ / ₆₄ "	5 ⁷ / ₈ "	0.25"	1 ¹³ / ₃₂ "	1 ¹ / ₄ "	3 ⁵ / ₃₂ "		CL-5-1/4
				5 ¹ / ₁₆	33 ¹ / ₆₄ "	3 ¹ / ₄ "	0.25"	1 ¹⁷ / ₃₂ "	21 ¹ / ₆₄ "	3 ⁵ / ₃₂ "		CL-5-5/16
				3 ⁷ / ₈	37 ¹ / ₆₄ "	27 ¹ / ₃₂ "	0.25"	1 ⁵ / ₈ "	23 ¹ / ₆₄ "	5 ⁵ / ₆₄ "		CL-5-3/8
4 str.	Grey	346/8 (1)	29 (1)	#10	1 ¹ / ₂ "	35 ⁵ / ₆₄ "	0.27"	1 ⁵ / ₁₆ "	15 ⁵ / ₆₄ "	7 ¹ / ₆₄ "	1 ³ / ₈ "	CL-4-10
				1/4	1 ¹ / ₂ "	5 ⁷ / ₈ "	0.27"	1 ²⁵ / ₆₄ "	1 ¹ / ₄ "	7 ¹ / ₆₄ "		CL-4-1/4
				5 ¹ / ₁₆	17 ¹ / ₃₂ "	3 ¹ / ₄ "	0.27"	1 ³³ / ₆₄ "	21 ¹ / ₆₄ "	3 ⁵ / ₃₂ "		CL-4-5/16
				3 ⁷ / ₈	9 ¹ / ₁₆ "	27 ¹ / ₃₂ "	0.27"	1 ³⁹ / ₆₄ "	23 ¹ / ₆₄ "	3 ⁵ / ₃₂ "		CL-4-3/8
3 str.	White	9 (1)	33 (1)	1/4	17 ¹ / ₃₂ "	5 ⁷ / ₈ "	0.28"	1 ⁹ / ₁₆ "	1 ¹ / ₄ "	7 ¹ / ₆₄ "	1 ³ / ₈ "	CL-3-1/4
				5 ¹ / ₁₆	9 ¹ / ₁₆ "	49 ⁵ / ₆₄ "	0.28"	1 ⁴⁵ / ₆₄ "	21 ¹ / ₆₄ "	3 ⁵ / ₃₂ "		CL-3-5/16
				3 ⁷ / ₈	5 ⁷ / ₈ "	27 ¹ / ₃₂ "	0.28"	1 ²⁵ / ₃₂ "	23 ¹ / ₆₄ "	5 ⁵ / ₆₄ "		CL-3-3/8
2 str.	Brown	10 (1)	33 (1)	1/4	5 ⁷ / ₈ "	5 ⁷ / ₈ "	0.31"	1 ⁵ / ₈ "	1 ¹ / ₄ "	3 ⁵ / ₃₂ "	7 ¹ / ₈ "	CL-2-1/4
				5 ¹ / ₁₆	39 ⁵ / ₆₄ "	25 ¹ / ₃₂ "	0.31"	1 ²⁵ / ₃₂ "	11 ¹ / ₃₂ "	7 ¹ / ₆₄ "		CL-2-5/16
				3 ⁷ / ₈	39 ⁵ / ₆₄ "	27 ¹ / ₃₂ "	0.31"	1 ²⁷ / ₃₂ "	23 ¹ / ₆₄ "	7 ¹ / ₆₄ "		CL-2-3/8
1 str.	Green	375/11 (1)	37 (1)	1/4	43 ¹ / ₆₄ "	5 ⁷ / ₈ "	0.36"	1 ⁴⁹ / ₆₄ "	1 ¹ / ₄ "	1 ¹ / ₈ "	15 ¹ / ₁₆ "	CL-1-1/4
				5 ¹ / ₁₆	45 ⁵ / ₆₄ "	25 ¹ / ₃₂ "	0.36"	1 ⁵⁹ / ₆₄ "	11 ¹ / ₃₂ "	7 ¹ / ₆₄ "		CL-1-5/16
				3 ⁷ / ₈	45 ⁵ / ₆₄ "	27 ¹ / ₆₄ "	0.36"	1 ⁶³ / ₆₄ "	23 ¹ / ₆₄ "	1 ¹ / ₈ "		CL-1-3/8
1/0 str.	Pink	348/12 (1)	42 (1)	1/4	3 ¹ / ₄ "	45 ⁵ / ₆₄ "	0.40"	1 ⁵⁵ / ₆₄ "	21 ¹ / ₆₄ "	1 ¹ / ₈ "	15 ¹ / ₁₆ "	CL-1/0-1/4
				5 ¹ / ₁₆	3 ¹ / ₄ "	49 ⁵ / ₆₄ "	0.40"	1 ⁵⁹ / ₆₄ "	21 ¹ / ₆₄ "	1 ¹ / ₈ "		CL-1/0-5/16
				3 ⁷ / ₈	3 ¹ / ₄ "	53 ⁵ / ₆₄ "	0.40"	1 ⁶³ / ₆₄ "	23 ¹ / ₆₄ "	1 ¹ / ₈ "		CL-1/0-3/8
				1 ¹ / ₂	51 ¹ / ₆₄ "	1 ¹⁷ / ₆₄ "	0.40"	2 ²⁷ / ₆₄ "	15 ¹ / ₃₂ "	7 ¹ / ₆₄ "		CL-1/0-1/2
				5 ⁷ / ₈	7 ¹ / ₈ "	1 ¹ / ₂ "	0.40"	2 ²¹ / ₃₂ "	5 ⁷ / ₈ "	5 ⁵ / ₆₄ "		CL-1/0-5/8
2/0 str.	Black	13 (1)	45 (1)	1/4	27 ¹ / ₃₂ "	25 ¹ / ₃₂ "	0.44"	2 ¹ / ₃₂ "	11 ¹ / ₃₂ "	7 ¹ / ₆₄ "	1"	CL-2/0-1/4
				5 ¹ / ₁₆	13 ¹ / ₁₆ "	25 ¹ / ₃₂ "	0.44"	2 ¹ / ₃₂ "	11 ¹ / ₃₂ "	1 ¹ / ₈ "		CL-2/0-5/16
				3 ⁷ / ₈	13 ¹ / ₁₆ "	13 ¹ / ₁₆ "	0.44"	2 ³ / ₃₂ "	25 ¹ / ₆₄ "	1 ¹ / ₈ "		CL-2/0-3/8
				1 ¹ / ₂	13 ¹ / ₁₆ "	1 ³ / ₃₂ "	0.44"	2 ¹¹ / ₃₂ "	1 ¹ / ₂ "	1 ¹ / ₈ "		CL-2/0-1/2
3/0 str.	Orange	296/14 (1)	50 (1)	1/4	29 ⁵ / ₃₂ "	25 ¹ / ₃₂ "	0.49"	2 ¹ / ₁₆ "	11 ¹ / ₃₂ "	1 ¹ / ₈ "	1"	CL-3/0-1/4
				5 ¹ / ₁₆	29 ⁵ / ₃₂ "	25 ¹ / ₃₂ "	0.49"	2 ¹ / ₁₆ "	11 ¹ / ₃₂ "	1 ¹ / ₈ "		CL-3/0-5/16
				3 ⁷ / ₈	29 ⁵ / ₃₂ "	27 ¹ / ₃₂ "	0.49"	2 ¹ / ₈ "	25 ¹ / ₆₄ "	1 ¹ / ₈ "		CL-3/0-3/8
				1 ¹ / ₂	57 ¹ / ₆₄ "	1 ³ / ₃₂ "	0.49"	2 ³ / ₈ "	1 ¹ / ₂ "	1 ¹ / ₈ "		CL-3/0-1/2

Connectors – Terminal Lugs

Cable Size	Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	C	D	F	L	N	T	Wire Strip Length	Catalog Number
4/0 str.	Purple	297/15 (1)	54 (1)	1/4	1"	25/32"	0.56"	2 3/32"	1 1/32"	5/32"	1 1/8"	CL-4/0-1/4
				5/16	1"	25/32"	0.56"	2 3/32"	1 1/32"	5/32"		CL-4/0-5/16
				3/8	1"	55/64"	0.56"	2 11/64"	25/64"	5/32"		CL-4/0-3/8
				1/2	1"	1 3/32"	0.56"	2 13/16"	1/2"	5/32"		CL-4/0-1/2
250 MCM	Yellow	467/16 (1)	62 (1)	1/4	1 1/8"	25/32"	0.60"	2 7/32"	1 1/32"	5/32"	1 1/4"	CL-250-1/4
				5/16	1 1/8"	25/32"	0.60"	2 7/32"	1 1/32"	5/32"		CL-250-5/16
				3/8	1 1/8"	55/64"	0.60"	2 19/64"	25/64"	5/32"		CL-250-3/8
				1/2	1 1/8"	1 3/32"	0.60"	2 21/32"	1/2"	5/32"		CL-250-1/2
300 MCM	White	298/17 (2)	66 (1)	1/4	1 3/16"	1 1/64"	0.65"	2 29/64"	25/64"	5/32"	1 1/4"	CL-300-1/4
				5/16	1 3/16"	1 1/64"	0.65"	2 29/64"	25/64"	5/32"		CL-300-5/16
				3/8	1 3/16"	1 1/64"	0.65"	2 29/64"	25/64"	5/32"		CL-300-3/8
				1/2	1 3/16"	1 1/8"	0.65"	2 9/16"	1/2"	5/32"		CL-300-1/2
				5/8	1 3/16"	1 1/4"	0.65"	2 11/16"	5/8"	5/32"		CL-300-5/8
350 MCM	Red	324/18 (2)	71H (2)	3/8	1 9/32"	1 1/64"	0.70"	2 33/64"	25/64"	3/16"	1 1/4"	CL-350-3/8
				1/2	1 9/32"	1 1/8"	0.70"	2 5/8"	1/2"	3/16"		CL-350-1/2
				5/8	1 9/32"	1 21/64"	0.70"	2 53/64"	5/8"	3/16"		CL-350-5/8
400 MCM	Blue	470/19 (2)	76 (1)	3/8	1 3/8"	1 11/64"	0.75"	3"	1/2"	3/16"	1 3/8"	CL-400-3/8
				1/2	1 3/8"	1 11/64"	0.75"	3"	1/2"	3/16"		CL-400-1/2
				5/8	1 3/8"	1 3/8"	0.75"	3 13/64"	5/8"	3/16"		CL-400-5/8
450 MCM	Grey	326 (2)	--	1/2	1 15/32"	1 11/64"	0.80"	3 3/4"	1/2"	1 3/64"	1 3/8"	CL-450-1/2
				5/8	1 15/32"	1 3/8"	0.80"	3 7/32"	5/8"	1 3/64"		CL-450-5/8
500 MCM	Brown	299/20 (2)	87H (2)	1/2	1 17/32"	1 11/64"	0.85"	3 3/4"	1/2"	7/32"	1 7/16"	CL-500-1/2
				5/8	1 17/32"	1 3/8"	0.85"	3 1/4"	5/8"	7/32"		CL-500-5/8
600 MCM	Green	472/22 (2)	94H (2)	1/2	1 45/64"	1 3/4"	0.92"	3 7/8"	7/8"	9/32"	1 7/16"	CL-600-1/2
				5/8	1 45/64"	1 3/4"	0.92"	3 7/8"	7/8"	9/32"		CL-600-5/8
700 MCM	Pink	400 (2)	99H (2)	1/2	1 51/64"	1 15/16"	0.98"	4 5/16"	7/8"	9/32"	1 7/16"	CL-700-1/2
				5/8	1 51/64"	1 15/16"	0.98"	4 5/16"	7/8"	9/32"		CL-700-5/8
				7/8	1 51/64"	1 31/32"	0.98"	4 11/32"	29/32"	9/32"		CL-700-7/8
750 MCM	Black	300/24 (2)	106H (2)	1/2	1 55/64"	1 15/16"	1.02"	4 7/16"	7/8"	19/64"	1 9/16"	CL-750-1/2
				5/8	1 55/64"	1 15/16"	1.02"	4 7/16"	7/8"	19/64"		CL-750-5/8
				7/8	1 55/64"	2 1/32"	1.02"	4 17/32"	31/32"	19/64"		CL-750-7/8
800 MCM	Orange	25 (3)	107H (2)	1/2	1 15/16"	1 15/16"	1.05"	4 15/32"	15/16"	1 1/32"	1 5/8"	CL-800-1/2
				5/8	1 15/16"	1 15/16"	1.05"	4 15/32"	15/16"	1 1/32"		CL-800-5/8
				7/8	1 15/16"	1 31/32"	1.05"	4 1/2"	31/32"	1 1/32"		CL-800-7/8
900 MCM	Yellow	26 (3)	115H (2)	1/2	2 1/32"	2 1/16"	1.13"	4 15/16"	15/16"	1 1/32"	1 15/16"	CL-900-1/2
				5/8	2 1/32"	2 1/16"	1.13"	4 15/16"	15/16"	1 1/32"		CL-900-5/8
				7/8	2 1/32"	2 3/32"	1.13"	4 31/32"	31/32"	1 1/32"		CL-900-7/8
1000 MCM	White	473/27 (3)	125H (2)	1/2	2 9/64"	2 5/32"	1.17"	5 1/32"	31/32"	1 1/32"	1 15/16"	CL-1000-1/2
				5/8	2 9/64"	2 5/32"	1.17"	5 1/32"	31/32"	1 1/32"		CL-1000-5/8
				7/8	2 9/64"	2 3/16"	1.17"	5 1/16"	1"	1 1/32"		CL-1000-7/8

Connectors

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

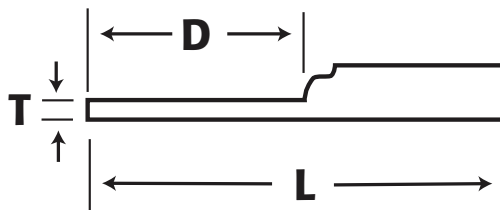
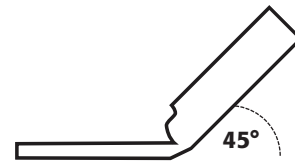
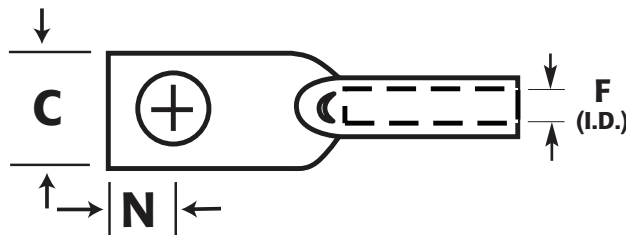
One-Hole Copper Compression Flex Conductor Lugs— Short Barrel with Sight Hole

Type CL for cable to flat



Features

- Accommodates #14 to 1000 MCM.
- Short barrel for installation in minimum space.
- Available with nonstandard holes or undrilled tongue.
- Manufactured from high-grade, high-conductivity seamless copper tubing.
- Tin plated to minimize corrosion. Available unplated or with special plating.
- Color coded for wire size.



- Add suffix for desired bend. For example, to get the above terminal lug, add suffix **-45** for a 45° bend.

Call to order, or to discuss other options. Use the tables on the following pages for standard lugs. Use the matrix below to specify other options.

Part Numbering Variations Matrix

CL - 4/0 W - 3/8 - 30 - NP

Conductor Size

Bolt Size
(omit for blank tongue)

Tongue Angle
(omit for straight tongue)

Additional Suffixes:
NP – No Plating
BT – Blank Tongue
M – Matte Tin
2N – NEMA spacing

The example above calls out a one-hole copper compression flex conductor lug with a short barrel and sight hole, which accommodates a 4/0 conductor and a 3/8" bolt, with a 30° bend and no plating.

Connectors – Terminal Lugs

Accommodates Cable Type		Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	C	D	F	L	N	T	Wire Strip Length	Catalog Number
Weld - Flex (construction)	Locomotive - Navy												
#14–#10 str.† G #12 (49/0.0115) I #10 (27/24) K #10 (65/0.010)	--	None	Y8MRB-1 (1)	ERG200 2 (1)	#10	1½"	35/64"	0.13"	1½"	15/64"	1/16"	7/16"	CL-10-W-10
	--				¼	7/16"	5/8"	0.13"	1½"	¼"	1/16"		CL-10-W-1/4
8 str. G #10 (49/0.0146) G #8 (49/0.0184) H #8 (133/0.0111) I #8 (37/24) K #9 (105/0.010) K #8 (168/0.010)	37/24	Red	49 (1)	21 (1)	#10	¾"	35/64"	0.18"	1½"	15/64"	1/16"	7/16"	CL-8-W-10
	Navy 23				¼	27/64"	5/8"	0.18"	1¾"	¼"	1/16"		CL-8-W-1/4
6 str. G #6 (49/0.0231) H #6 (133/0.0140) I #6 (61/24) K #6 (266/0.010)	61/24	Blue	374/7 (1)	24 (1)	#10	13/32"	35/64"	0.22"	1¼"	15/64"	5/64"	11/16"	CL-6-W-10
	Navy 30				¼	27/64"	5/8"	0.22"	121/64"	¼"	5/64"		CL-6-W-1/4
					5/16	½"	¾"	0.22"	129/64"	21/64"	5/64"		CL-6-W-5/16
					¾	17/32"	27/32"	0.22"	135/64"	23/64"	1/16"		CL-6-W-3/8
5 str. G #5 (49/0.0260) H #5 (133/0.0158) I #5 (91/24)	--	Blue	374/7 (1)	24 (1)	#10	29/64"	35/64"	0.25"	121/64"	15/64"	3/32"	11/16"	CL-5-W-10
	--				¼	29/64"	5/8"	0.25"	113/32"	¼"	3/32"		CL-5-W-1/4
	--				5/16	33/64"	¾"	0.25"	117/32"	21/64"	3/32"		CL-5-W-5/16
	--				¾	37/64"	27/32"	0.25"	15/8"	23/64"	5/64"		CL-5-W-3/8
4 str. G #4 (49/0.0292) H #4 (133/0.0177) K #5 (336/0.010) K #4 (420/0.010)	--	Grey	346/8 (1)	29 (1)	#10	½"	35/64"	0.27"	15/16"	15/64"	7/64"	11/16"	CL-4-W-10
	--				¼	½"	5/8"	0.27"	125/64"	¼"	7/64"		CL-4-W-1/4
	--				5/16	17/32"	¾"	0.27"	133/64"	21/64"	3/32"		CL-4-W-5/16
	--				¾	9/16"	27/32"	0.27"	139/64"	23/64"	3/32"		CL-4-W-3/8
2 str. I #4 (105/24) G #3 (49/0.0328) H #3 (133/0.0199) I #3 (125/24) K #3 (532/0.010)	105/25	Brown	10 (1)	33 (1)	¼	5/8"	5/8"	0.31"	15/8"	¼"	3/32"	7/8"	CL-3-W-1/4
	Navy 40-50-60				5/16	39/64"	25/32"	0.31"	125/32"	11/32"	7/64"		CL-3-W-5/16
					¾	39/64"	27/32"	0.31"	127/32"	23/64"	7/64"		CL-3-W-3/8

Connectors

†Standard cable sizes are in bold.

Table continued on next page

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

One-Hole Copper Compression Flex Conductor Lugs— Short Barrel with Sight Hole, *continued*

Type CL for cable to flat

Connectors

Accommodates Cable Type		Color Code	Burdny* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	C	D	F	L	N	T	Wire Strip Length	Catalog Number
Weld - Flex (construction)	Locomotive - Navy												
1 str.† G #2 (49/0.0368) H #2 (133/0.0223) I #2 (150/24) K #2 (665/0.010)	150/24	Green	375/11 (1)	37 (1)	1/4	43/64"	5/8"	0.36"	1 49/64"	1/4"	1/8"	15/16"	CL-2-W-1/4
	Navy 75				5/16	45/64"	25/32"	0.36"	1 59/64"	1 1/32"	7/64"		CL-2-W-5/16
					3/8	45/64"	27/64"	0.36"	1 63/64"	23/64"	1/8"		CL-2-W-3/8
1/0 str. G #1 (133/0.0251) H #1 (259/0.0180) I #1 (225/24) K #1 (836/0.010)	225/24	Pink	348/12 (1)	42 (1)	1/4	3/4"	45/64"	0.40"	1 55/64"	2 1/64"	1/8"	15/16"	CL-1-W-1/4
	Navy 100				5/16	3/4"	49/64"	0.40"	1 59/64"	2 1/64"	1/8"		CL-1-W-5/16
					3/8	3/4"	53/64"	0.40"	1 63/64"	23/64"	1/8"		CL-1-W-3/8
					1/2	5 1/64"	1 17/64"	0.40"	2 27/64"	1 5/32"	7/64"		CL-1-W-1/2
					5/8	7/8"	1 1/2"	0.40"	2 21/32"	5/8"	5/64"		CL-1-W-5/8
2/0 str. G #1/0 (133/0.0282) H #1/0 (259/0.0202) I #1/0 (275/24) K #1/0 (1064/0.010)	275/24	Black	13 (1)	45 (1)	1/4	27/32"	25/32"	0.44"	2 1/32"	1 1/32"	7/64"	1"	CL-1/0-W-1/4
	Navy 125				5/16	1 3/16"	25/32"	0.44"	2 1/32"	1 1/32"	1/8"		CL-1/0-W-5/16
					3/8	1 3/16"	1 3/16"	0.44"	2 3/32"	25/64"	1/8"		CL-1/0-W-3/8
					1/2	1 3/16"	1 3/32"	0.44"	2 11/32"	1/2"	1/8"		CL-1/0-W-1/2
3/0 str. G #2/0 (133/0.0316) H #2/0 (259/0.0227) I #2/0 (325/24)	325/24	Orange	296/14 (1)	50 (1)	1/4	29/32"	25/32"	0.49"	2 1/16"	1 1/32"	1/8"	1"	CL-2/0-W-1/4
	Navy 150				5/16	29/32"	25/32"	0.49"	2 1/16"	1 1/32"	1/8"		CL-2/0-W-5/16
					3/8	29/32"	27/32"	0.49"	2 1/8"	25/64"	1/8"		CL-2/0-W-3/8
					1/2	57/64"	1 3/32"	0.49"	2 3/8"	1/2"	1/8"		CL-2/0-W-1/2
4/0 str. G #3/0 (133/0.0355) H #3/0 (259/0.0255) I #3/0 (450/24) K #2/0 (1323/0.010)	450/24	Purple	297/15 (1)	54 (1)	1/4	1"	25/32"	0.56"	2 3/32"	1 1/32"	5/32"	1 1/8"	CL-3/0-W-1/4
	Navy 200				5/16	1"	25/32"	0.56"	2 3/32"	1 1/32"	5/32"		CL-3/0-W-5/16
					3/8	1"	55/64"	0.56"	2 11/64"	25/64"	5/32"		CL-3/0-W-3/8
					1/2	1"	1 3/32"	0.56"	2 13/16"	1/2"	5/32"		CL-3/0-W-1/2
300 MCM G #4/0 (133/0.0399) H #4/0 (259/0.0286) I #4/0 (550/24) K #3/0 (1666/0.010) K #4/0 (2107/0.010)	550/24	White	298/17 (2)	66 (1)	1/4	1 3/16"	1 1/64"	0.65"	2 29/64"	25/64"	5/32"	1 1/4"	CL-4/0-W-1/4
	Navy 250				5/16	1 3/16"	1 1/64"	0.65"	2 29/64"	25/64"	5/32"		CL-4/0-W-5/16
					3/8	1 3/16"	1 1/64"	0.65"	2 29/64"	25/64"	5/32"		CL-4/0-W-3/8
					1/2	1 3/16"	1 1/8"	0.65"	2 9/16"	1/2"	5/32"		CL-4/0-W-1/2
					5/8	1 3/16"	1 1/4"	0.65"	2 1 1/16"	5/8"	5/32"		CL-4/0-W-5/8

Accommodates Cable Type		Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	C	D	F	L	N	T	Wire Strip Length	Catalog Number
Weld - Flex (construction)	Locomotive - Navy												
350 MCM† G 250 MCM (259/0.0311) H 250 MCM (427/0.0242) I 262.6 MCM (650/24) K 250 MCM (2499/0.010)	650/24	Red	324/18 (2)	71H (2)	3/8	1 9/32"	1 1/64"	0.70"	2 33/64"	25/64"	3/16"	1 1/4"	CL-250-W-3/8
	--				1/2	1 9/32"	1 1/8"	0.70"	2 5/8"	1/2"	3/16"		CL-250-W-1/2
					5/8	1 9/32"	1 21/64"	0.70"	2 53/64"	5/8"	3/16"		CL-250-W-5/8
400 MCM G 300 MCM (259/0.0340) H 300 MCM (427/0.0265) I 313.1 MCM (775/24) K 262.6 MCM (2615/0.010)	775/24	Blue	470/19 (2)	76 (1)	3/8	1 3/8"	1 11/64"	0.75"	3"	1/2"	3/16"	1 3/8"	CL-300-W-3/8
	--				1/2	1 3/8"	1 11/64"	0.75"	3"	1/2"	3/16"		CL-300-W-1/2
					5/8	1 3/8"	1 3/8"	0.75"	3 13/64"	5/8"	3/16"		CL-300-W-5/8
450 MCM G 350 MCM (259/0.0368) H 350 MCM (427/0.0286) K 300 MCM (2989/0.010) K 313.1 MCM (3136/0.010)	--	Grey	326 (2)	--	1/2	1 15/32"	1 11/64"	0.80"	3 1/64"	1/2"	13/64"	1 3/8"	CL-350-W-1/2
	--				5/8	1 15/32"	1 3/8"	0.80"	3 7/32"	5/8"	13/64"		CL-350-W-5/8
500 MCM G 400 MCM (259/0.0393) H 400 MCM (427/0.0306) I 373.7 MCM (925/24) K 350 MCM (3458/0.010) K 373.7 MCM (3737/0.010)	925/24	Brown	299/20 (2)	87H (2)	1/2	1 17/32"	1 11/64"	0.85"	3 3/64"	1/2"	7/32"	1 7/16"	CL-400-W-1/2
	--				5/8	1 17/32"	1 3/8"	0.85"	3 1/4"	5/8"	7/32"		CL-400-W-5/8
600 MCM G 450 MCM (259/0.0417) H 450 MCM (427/0.0325) I 444.4 MCM (1100/24) K 400 MCM (3990/0.010)	1100/24	Green	472/22 (2)	94H (2)	1/2	1 45/64"	1 3/4"	0.92"	3 7/8"	7/8"	9/32"	1 7/16"	CL-450-W-1/2
	--				5/8	1 45/64"	1 3/4"	0.92"	3 7/8"	7/8"	9/32"		CL-450-W-5/8
700 MCM G 500 MCM (259/0.0439) H 500 MCM (427/0.0342)	--	Pink	400 (2)	99H (2)	1/2	1 51/64"	1 15/16"	0.98"	4 5/16"	7/8"	9/32"	1 7/16"	CL-500-W-1/2
	--				5/8	1 51/64"	1 15/16"	0.98"	4 5/16"	7/8"	9/32"		CL-500-W-5/8
	--				7/8	1 51/64"	1 31/32"	0.98"	4 11/32"	29/32"	9/32"		CL-500-W-7/8

Connectors

†Standard cable sizes are in bold.

Table continued on next page

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

One-Hole Copper Compression Flex Conductor Lugs— Short Barrel with Sight Hole, *continued* Type CL for cable to flat

Connectors

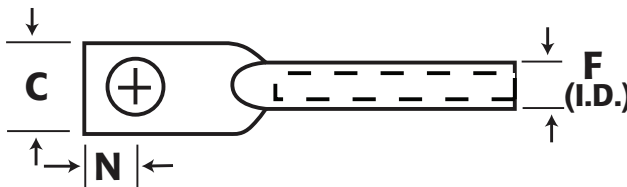
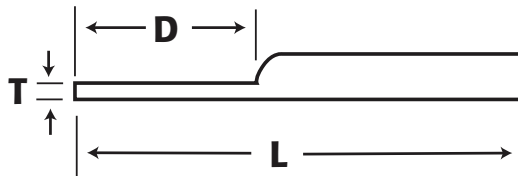
Accommodates Cable Type		Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	C	D	F	L	N	T	Wire Strip Length	Catalog Number
Weld - Flex (construction)	Locomotive - Navy												
750 MCM† G 550 MCM (427/0.0359) H 550 MCM (703/0.0280) I 535.3 MCM (1325/24) K 500 MCM (5054/0.010) K 535.3 MCM (5320/0.010)	1325/24	Black	300/24 (2)	106H (2)	½	1 ⁵⁵ / ₆₄ "	1 ¹⁵ / ₁₆ "	1.02"	4 ⁷ / ₁₆ "	7/8"	1 ⁹ / ₆₄ "	1 ¹ / ₁₆ "	CL-550-W-1/2
	--				5/8	1 ⁵⁵ / ₆₄ "	1 ¹⁵ / ₁₆ "	1.02"	4 ⁷ / ₁₆ "	7/8"	1 ⁹ / ₆₄ "		CL-550-W-5/8
					7/8	1 ⁵⁵ / ₆₄ "	2 ¹ / ₃₂ "	1.02"	4 ¹⁷ / ₃₂ "	3 ¹ / ₃₂ "	1 ⁹ / ₆₄ "		CL-550-W-7/8
800 MCM G 600 MCM (427/0.0375) H 600 MCM (703/0.0292) I 592 MCM (1480/24)	--	Orange	25 (3)	107H (2)	½	1 ¹⁵ / ₁₆ "	1 ¹⁵ / ₁₆ "	1.05"	4 ¹⁵ / ₃₂ "	1 ⁵ / ₁₆ "	1 ¹ / ₃₂ "	1 ³ / ₈ "	CL-600-W-1/2
	--				5/8	1 ¹⁵ / ₁₆ "	1 ¹⁵ / ₁₆ "	1.05"	4 ¹⁵ / ₃₂ "	1 ⁵ / ₁₆ "	1 ¹ / ₃₂ "		CL-600-W-5/8
					7/8	1 ¹⁵ / ₁₆ "	1 ³¹ / ₃₂ "	1.05"	4 ¹ / ₂ "	3 ¹ / ₃₂ "	1 ¹ / ₃₂ "		CL-600-W-7/8
900 MCM G 650 MCM (427/0.0390) G 700 MCM (427/0.0405) H 650 MCM (703/0.0304) H 700 MCM (703/0.0316) I 646.4 MCM (1600/24) K 600 MCM (5985/0.010) K 646.4 MCM (6466/0.010)	1600/24	Yellow	26 (3)	115H (2)	½	2 ¹ / ₃₂ "	2 ¹ / ₁₆ "	1.13"	4 ¹⁵ / ₁₆ "	1 ⁵ / ₁₆ "	1 ¹ / ₃₂ "	1 ¹ / ₁₆ "	CL-700-W-1/2
	--				5/8	2 ¹ / ₃₂ "	2 ¹ / ₁₆ "	1.13"	4 ¹⁵ / ₁₆ "	1 ⁵ / ₁₆ "	1 ¹ / ₃₂ "		CL-700-W-5/8
					7/8	2 ¹ / ₃₂ "	2 ³ / ₃₂ "	1.13"	4 ³¹ / ₃₂ "	3 ¹ / ₃₂ "	1 ¹ / ₃₂ "		CL-700-W-7/8
1000 MCM G 750 MCM (427/0.0419) H 750 MCM (703/0.0327) I 777.7 MCM (1925/24)	1925/24	White	473/27 (3)	125H (2)	½	2 ⁹ / ₆₄ "	2 ⁵ / ₃₂ "	1.17"	5 ¹ / ₃₂ "	3 ¹ / ₃₂ "	1 ¹ / ₃₂ "	1 ¹ / ₁₆ "	CL-750-W-1/2
	--				5/8	2 ⁹ / ₆₄ "	2 ⁵ / ₃₂ "	1.17"	5 ¹ / ₃₂ "	3 ¹ / ₃₂ "	1 ¹ / ₃₂ "		CL-750-W-5/8
					7/8	2 ⁹ / ₆₄ "	2 ³ / ₁₆ "	1.17"	5 ¹ / ₁₆ "	1"	1 ¹ / ₃₂ "		CL-750-W-7/8

†Standard cable sizes are in bold.

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

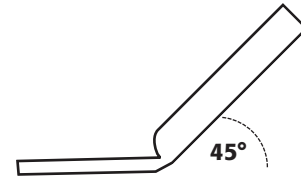
**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

One-Hole Copper Compression Terminal Lugs—Long Barrel Type CLL for cable to flat



Features

- Accommodates #14 to 1000 MCM.
- Long barrel for heavy installations—permits double crimping.
- Greater contact area for lower current density, cooler connection.
- Available with nonstandard holes or undrilled tongue.
- Manufactured from high-grade, high-conductivity seamless copper tubing.
- Tin plated to minimize corrosion. Available unplated or with special plating.
- Color coded for wire size.



- Add suffix for desired bend. For example, to get the above terminal lug, add suffix **-45** for a 45° bend.

Call to order, or to discuss other options. Use the tables on the following pages for standard lugs. Use the matrix below to specify other options.

Part Numbering Variations Matrix

CLL - 4/0 - 3/8 - 30 - L

Conductor Size

Bolt Size
(omit for blank tongue)

Tongue Angle
(omit for straight tongue)

Additional Suffixes:

- L - Sight Hole
- NP - No Plating
- BT - Blank Tongue
- XL - Sight Hole and Longer
- M - Matte Tin
- 2N - NEMA spacing

The example above calls out a one-hole copper compression terminal lug with a long barrel, which accommodates a 4/0 conductor and a 3/8" bolt, with a 30° bend and a sight hole.

Connectors – Terminal Lugs

One-Hole Copper Compression Terminal Lugs—Long Barrel, *continued* Type CLL for cable to flat

Cable Size	Color Code	Burndy* Die (#)	T&B** Die (# Crimps)	Bolt Size	C	D	F	L	N	T	Wire Strip Length	Catalog Number
14 str.–10 str	None	Y8MRB-1 (2)	ERG2002 (2)	#10	1 1/32"	35/64"	0.13"	1 19/64"	15/64"	1/16"	1"	CLL-10-10
				1/4	7/16"	5/8"	0.13"	1 23/64"	1/4"	1/16"		CLL-10-1/4
8 str.	Red	49 (2)	21 (2)	#10	3/8"	35/64"	0.18"	1 21/32"	15/64"	1/16"	1 1/8"	CLL-8-10
				1/4	27/64"	5/8"	0.18"	1 3/4"	1/4"	1/16"		CLL-8-1/4
6 str.	Blue	374/7 (2)	24 (2)	#10	13/32"	35/64"	0.22"	1 49/64"	15/64"	5/64"	1 3/16"	CLL-6-10
				1/4	27/64"	5/8"	0.22"	1 27/32"	1/4"	5/64"		CLL-6-1/4
				5/16	1/2"	3/4"	0.22"	1 31/32"	21/64"	5/64"		CLL-6-5/16
				3/8	17/32"	27/32"	0.22"	2 1/16"	23/64"	1/16"		CLL-6-3/8
5 str.	Blue	374/7 (2)	24 (2)	#10	29/64"	35/64"	0.25"	1 57/64"	15/64"	3/32"	1 1/4"	CLL-5-10
				1/4	29/64"	5/8"	0.25"	1 61/64"	1/4"	3/32"		CLL-5-1/4
				5/16	33/64"	3/4"	0.25"	2 3/32"	21/64"	3/32"		CLL-5-5/16
				3/8	37/64"	27/32"	0.25"	2 7/16"	23/64"	5/64"		CLL-5-3/8
4 str.	Grey	346/8 (2)	29 (2)	#10	1/2"	35/64"	0.27"	1 15/16"	15/64"	7/64"	1 3/8"	CLL-4-10
				1/4	1/2"	5/8"	0.27"	2 1/64"	1/4"	7/64"		CLL-4-1/4
				5/16	17/32"	3/4"	0.27"	2 3/64"	21/64"	3/32"		CLL-4-5/16
				3/8	9/16"	27/32"	0.27"	2 5/64"	23/64"	3/32"		CLL-4-3/8
3 str.	White	9 (2)	33 (2)	1/4	17/32"	5/8"	0.28"	2 15/64"	1/4"	7/64"	1 1/2"	CLL-3-1/4
				5/16	9/16"	49/64"	0.28"	2 3/8"	21/64"	3/32"		CLL-3-5/16
				3/8	5/8"	27/32"	0.28"	2 29/64"	23/64"	5/64"		CLL-3-3/8
2 str.	Brown	10 (2)	33 (2)	1/4	5/8"	5/8"	0.31"	2 3/16"	1/4"	3/32"	1 1/2"	CLL-2-1/4
				5/16	39/64"	25/32"	0.31"	2 15/32"	11/32"	7/64"		CLL-2-5/16
				3/8	39/64"	27/32"	0.31"	2 17/32"	23/64"	7/64"		CLL-2-3/8
1 str.	Green	375/11 (2)	37 (2)	1/4	43/64"	5/8"	0.36"	2 3/8"	1/4"	1/8"	1 3/16"	CLL-1-1/4
				5/16	45/64"	25/32"	0.36"	2 17/32"	11/32"	7/64"		CLL-1-5/16
				3/8	45/64"	27/32"	0.36"	2 19/32"	23/64"	1/8"		CLL-1-3/8
1/0 str.	Pink	348/12 (2)	42 (2)	1/4	3/4"	45/64"	0.40"	2 7/8"	21/64"	1/8"	1 9/16"	CLL-1/0-1/4
				5/16	3/4"	49/64"	0.40"	2 35/64"	21/64"	1/8"		CLL-1/0-5/16
				3/8	3/4"	53/64"	0.40"	2 39/64"	23/64"	1/8"		CLL-1/0-3/8
				1/2	51/64"	1 17/64"	0.40"	3 3/16"	15/32"	7/64"		CLL-1/0-1/2
				5/8	7/8"	1 1/2"	0.40"	3 3/32"	5/8"	5/64"		CLL-1/0-5/8
2/0 str.	Black	13 (2)	45 (2)	1/4	13/16"	25/32"	0.44"	2 21/32"	11/32"	1/8"	1 5/8"	CLL-2/0-1/4
				5/16	13/16"	25/32"	0.44"	2 21/32"	11/32"	1/8"		CLL-2/0-5/16
				3/8	13/16"	27/32"	0.44"	2 23/32"	25/64"	1/8"		CLL-2/0-3/8
				1/2	13/16"	1 3/32"	0.44"	2 31/32"	1/2"	1/8"		CLL-2/0-1/2
3/0 str.	Orange	296/14 (2)	50 (2)	1/4	29/32"	25/32"	0.49"	2 23/32"	11/32"	1/8"	1 11/16"	CLL-3/0-1/4
				5/16	29/32"	25/32"	0.49"	2 23/32"	11/32"	1/8"		CLL-3/0-5/16
				3/8	29/32"	27/32"	0.49"	2 25/32"	25/64"	1/8"		CLL-3/0-3/8
				1/2	57/64"	1 3/32"	0.49"	3 1/2"	1/2"	1/8"		CLL-3/0-1/2
4/0 str.	Purple	297/15 (2)	54 (2)	1/4	1"	25/32"	0.56"	2 23/32"	11/32"	5/32"	1 11/16"	CLL-4/0-1/4
				5/16	1"	25/32"	0.56"	2 23/32"	11/32"	5/32"		CLL-4/0-5/16
				3/8	1"	55/64"	0.56"	2 51/64"	25/64"	5/32"		CLL-4/0-3/8
				1/2	1"	1 3/32"	0.56"	3 1/2"	1/2"	5/32"		CLL-4/0-1/2
250 MCM	Yellow	467/16 (2)	62 (2)	1/4	1 1/8"	25/32"	0.60"	2 55/64"	11/32"	5/32"	1 13/16"	CLL-250-1/4
				5/16	1 1/8"	25/32"	0.60"	2 55/64"	11/32"	5/32"		CLL-250-5/16
				3/8	1 1/8"	55/64"	0.60"	2 15/16"	25/64"	5/32"		CLL-250-3/8
				1/2	1 1/8"	1 3/32"	0.60"	3 1/64"	1/2"	5/32"		CLL-250-1/2

Connectors

Connectors – Terminal Lugs

Cable Size	Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	C	D	F	L	N	T	Wire Strip Length	Catalog Number
300 MCM	White	298/17 (4)	66 (2)	1/4	1 3/16"	1 1/64"	0.65"	3 13/64"	25/64"	5/32"	1 15/16"	CLL-300-1/4
				5/16	1 3/16"	1 1/64"	0.65"	3 13/64"	25/64"	5/32"		CLL-300-5/16
				3/8	1 3/16"	1 1/64"	0.65"	3 13/64"	25/64"	5/32"		CLL-300-3/8
				1/2	1 3/32"	1 1/8"	0.65"	3 5/16"	1/2"	5/32"		CLL-300-1/2
				5/8	1 3/16"	1 1/4"	0.65"	3 7/16"	5/8"	5/32"		CLL-300-5/8
350 MCM	Red	324/18 (4)	71H (4)	3/8	1 9/32"	1 1/64"	0.70"	3 17/64"	25/64"	3/16"	1 15/16"	CLL-350-3/8
				1/2	1 9/32"	1 1/8"	0.70"	3 3/8"	1/2"	3/16"		CLL-350-1/2
				5/8	1 9/32"	1 21/64"	0.70"	3 37/64"	5/8"	3/16"		CLL-350-5/8
400 MCM	Blue	470/19 (4)	76 (2)	3/8	1 3/8"	1 11/64"	0.75"	3 43/64"	1/2"	3/16"	2 1/16"	CLL-400-3/8
				1/2	1 3/8"	1 11/64"	0.75"	3 43/64"	1/2"	3/16"		CLL-400-1/2
				5/8	1 3/8"	1 3/8"	0.75"	3 7/8"	5/8"	3/16"		CLL-400-5/8
450 MCM	Grey	326 (4)	--	1/2	1 15/32"	1 11/64"	0.80"	3 59/64"	1/2"	13/64"	2 5/16"	CLL-450-1/2
				5/8	1 15/32"	1 3/8"	0.80"	4 1/8"	5/8"	13/64"		CLL-450-5/8
500 MCM	Brown	299/20 (4)	87H (4)	1/2	1 17/32"	1 11/64"	0.85"	4 31/64"	1/2"	7/32"	2 1/2"	CLL-500-1/2
				5/8	1 17/32"	1 11/64"	0.85"	4 5/64"	5/8"	7/32"		CLL-500-5/8
600 MCM	Green	472/22 (4)	94H (4)	1/2	1 45/64"	1 3/4"	0.92"	5 7/64"	7/8"	9/32"	2 11/16"	CLL-600-1/2
				5/8	1 45/64"	1 3/4"	0.92"	5 7/64"	7/8"	9/32"		CLL-600-5/8
700 MCM	Pink	400 (4)	99H (4)	1/2	1 51/64"	1 5/16"	0.98"	5 3/4"	7/8"	9/32"	2 7/8"	CLL-700-1/2
				5/8	1 51/64"	1 5/16"	0.98"	5 3/4"	7/8"	9/32"		CLL-700-5/8
				7/8	1 51/64"	1 31/32"	0.98"	5 25/32"	29/32"	9/32"		CLL-700-7/8
750 MCM	Black	300/24 (4)	106H (4)	1/2	1 55/64"	1 5/16"	1.02"	5 7/8"	7/8"	19/64"	3"	CLL-750-1/2
				5/8	1 55/64"	1 5/16"	1.02"	5 7/8"	7/8"	19/64"		CLL-750-5/8
				7/8	1 55/64"	2 1/32"	1.02"	5 31/32"	31/32"	19/64"		CLL-750-7/8
800 MCM	Orange	25 (4)	107H (4)	1/2	1 15/16"	1 5/16"	1.05"	5 31/32"	15/16"	1 1/32"	3 1/16"	CLL-800-1/2
				5/8	1 15/16"	1 5/16"	1.05"	5 31/32"	15/16"	1 1/32"		CLL-800-5/8
				7/8	1 15/16"	1 31/32"	1.05"	6"	31/32"	1 1/32"		CLL-800-7/8
900 MCM	Yellow	26 (4)	115H (4)	1/2	2 1/32"	2 1/16"	1.13"	6 5/32"	15/16"	1 1/32"	3 1/8"	CLL-900-1/2
				5/8	2 1/32"	2 1/16"	1.13"	6 5/32"	15/16"	1 1/32"		CLL-900-5/8
				7/8	2 1/32"	2 3/32"	1.13"	6 3/16"	31/32"	1 1/32"		CLL-900-7/8
1000 MCM	White	473/27 (4)	125H (4)	1/2	2 9/64"	2 5/32"	1.17"	6 1/4"	31/32"	1 1/32"	3 1/8"	CLL-1000-1/2
				5/8	2 9/64"	2 5/32"	1.17"	6 1/4"	31/32"	1 1/32"		CLL-1000-5/8
				7/8	2 9/64"	2 3/16"	1.17"	6 5/32"	1"	1 1/32"		CLL-1000-7/8

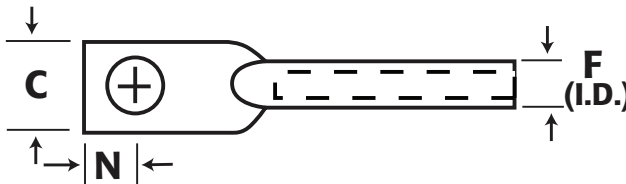
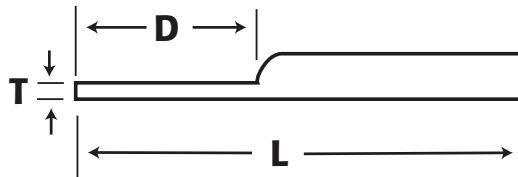
Connectors

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

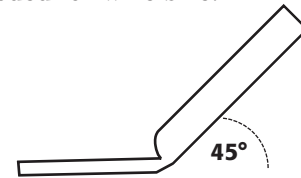
One-Hole Copper Compression Flex Conductor Lugs –Long Barrel:

Type CLL for cable to flat



Features

- Accommodates #14 to 1000 MCM.
- Long barrel for heavy installations—permits double crimping.
- Greater contact area for lower current density, cooler connection.
- Available with nonstandard holes or undrilled tongue.
- Manufactured from high-grade, high-conductivity seamless copper tubing.
- Tin plated to minimize corrosion. Available unplated or with special plating.
- Color coded for wire size.



- Add suffix for desired bend. For example, to get the above terminal lug, add suffix **-45** for a 45° bend.

Call to order, or to discuss other options. Use the tables on the following pages for standard lugs. Use the matrix below to specify other options.

Part Numbering Variations Matrix

CLL - 4/0 W - 3/8 - 30 - L

Conductor Size

Bolt Size
(omit for blank tongue)

Tongue Angle
(omit for straight tongue)

Additional Suffixes:

- L – Sight Hole
- NP – No Plating
- BT – Blank Tongue
- XL – Sight Hole and Longer
- M – Matte Tin
- 2N – NEMA spacing

The example above calls out a one-hole copper compression flex conductor lug with a long barrel, which accommodates a 4/0 conductor and a 3/8" bolt, with a 30° bend and a sight hole.

Connectors – Terminal Lugs

Accommodates Cable Type		Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	C	D	F	L	N	T	Wire Strip Length	Catalog Number
Weld - Flex	Locomotive - Navy												
#14-#10 str.† G #12 (49/0.0115) I #10 (27/24) K #10 (65/0.010)	--	None	Y8MRB-1 (2)	ERG2002 (2)	#10	1 ¹ / ₃₂ "	3 ⁵ / ₆₄ "	0.13"	1 ¹⁹ / ₆₄ "	1 ⁵ / ₆₄ "	1 ¹ / ₁₆ "	1"	CLL-10-W-10
	--				1/4	7 ¹ / ₁₆ "	5 ⁷ / ₈ "	0.13"	1 ²³ / ₆₄ "	1/4"	1 ¹ / ₁₆ "		CLL-10-W-1/4
8 str. G #10 (49/0.0146) G #8 (49/0.0184) H #8 (133/0.0111) I #8 (37/24) K #9 (105/0.010) K #8 (168/0.010)	37/24	Red	49 (2)	21 (2)	#10	3/8"	3 ⁵ / ₆₄ "	0.18"	1 ²¹ / ₃₂ "	1 ⁵ / ₆₄ "	1 ¹ / ₁₆ "	1 1/8"	CLL-8-W-10
	Navy 23				1/4	27 ¹ / ₆₄ "	5/8"	0.18"	1 3/4"	1/4"	1 ¹ / ₁₆ "		CLL-8-W-1/4
6 str. G #6 (49/0.0231) H #6 (133/0.0140) I #6 (61/24) K #6 (266/0.010)	61/24	Blue	374/7 (2)	24 (2)	#10	1 ³ / ₃₂ "	3 ⁵ / ₆₄ "	0.22"	1 ⁴⁹ / ₆₄ "	1 ⁵ / ₆₄ "	5/64"	1 3/16"	CLL-6-W-10
	Navy 30				1/4	27 ¹ / ₆₄ "	5/8"	0.22"	1 ²⁷ / ₃₂ "	1/4"	5/64"		CLL-6-W-1/4
					5/16	1/2"	3/4"	0.22"	1 ³¹ / ₃₂ "	2 ¹ / ₆₄ "	5/64"		CLL-6-W-5/16
					3/8	17 ¹ / ₃₂ "	27 ¹ / ₃₂ "	0.22"	2 1/16"	2 ³ / ₆₄ "	1/16"		CLL-6-W-3/8
5 str. G #5 (49/0.0260) H #5 (133/0.0158) I #5 (91/24)	--	Blue	374/7 (2)	24 (2)	#10	2 ⁹ / ₆₄ "	3 ⁵ / ₆₄ "	0.25"	1 ⁵⁷ / ₆₄ "	1 ⁵ / ₆₄ "	3/32"	1 1/4"	CLL-5-W-10
	--				1/4	2 ⁹ / ₆₄ "	5/8"	0.25"	1 ⁶¹ / ₆₄ "	1/4"	3/32"		CLL-5-W-1/4
					5/16	3 ³ / ₆₄ "	3/4"	0.25"	2 ³ / ₃₂ "	2 ¹ / ₆₄ "	3/32"		CLL-5-W-5/16
					3/8	37 ¹ / ₆₄ "	27 ¹ / ₃₂ "	0.25"	2 ³ / ₁₆ "	2 ³ / ₆₄ "	5/64"		CLL-5-W-3/8
4 str. G #4 (49/0.0292) H #4 (133/0.0177) K #5 (336/0.010) K #4 (420/0.010)	--	Grey	346/8 (2)	29 (2)	#10	1/2"	3 ⁵ / ₆₄ "	0.27"	1 ¹⁵ / ₁₆ "	1 ⁵ / ₆₄ "	7/64"	1 3/8"	CLL-4-W-10
	--				1/4	1/2"	5/8"	0.27"	2 1/64"	1/4"	7/64"		CLL-4-W-1/4
	--				5/16	17 ¹ / ₃₂ "	3/4"	0.27"	2 ⁹ / ₆₄ "	2 ¹ / ₆₄ "	3/32"		CLL-4-W-5/16
					3/8	9 ¹ / ₁₆ "	27 ¹ / ₃₂ "	0.27"	2 ¹⁵ / ₆₄ "	2 ³ / ₆₄ "	3/32"		CLL-4-W-3/8
2 str. I #4 (105/24) G #3 (49/0.0328) H #3 (133/0.0199) I #3 (125/24) K #3 (532/0.010)	105/25	Brown	10 (2)	33 (2)	1/4	5/8"	5/8"	0.31"	2 ⁵ / ₁₆ "	1/4"	3/32"	1 1/2"	CLL-3-W-1/4
	Navy 40-50-60				5/16	3 ⁹ / ₆₄ "	2 ⁵ / ₃₂ "	0.31"	2 ¹⁵ / ₃₂ "	1 ¹ / ₃₂ "	7/64"		CLL-3-W-5/16
					3/8	3 ⁹ / ₆₄ "	27 ¹ / ₃₂ "	0.31"	2 ¹⁷ / ₃₂ "	2 ³ / ₆₄ "	7/64"		CLL-3-W-3/8
1 str. G #2 (49/0.0368) H #2 (133/0.0223) I #2 (150/24) K #2 (665/0.010)	150/24	Green	375/11 (2)	37 (2)	1/4	4 ³ / ₆₄ "	5/8"	0.36"	2 ³ / ₈ "	1/4"	1/8"	1 9/16"	CLL-2-W-1/4
	Navy 75				5/16	4 ⁵ / ₆₄ "	2 ⁵ / ₃₂ "	0.36"	2 ¹⁷ / ₃₂ "	1 ¹ / ₃₂ "	7/64"		CLL-2-W-5/16
					3/8	4 ⁵ / ₆₄ "	27 ¹ / ₃₂ "	0.36"	2 ¹⁹ / ₃₂ "	2 ³ / ₆₄ "	1/8"		CLL-2-W-3/8

†Standard cable sizes are in bold.

Table continued on next page

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Connectors

Connectors – Terminal Lugs

One-Hole Copper Compression Flex Conductor Lugs—Long Barrel, *continued* Type CLL for cable to flat

Accommodates Cable Type		Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	C	D	F	L	N	T	Wire Strip Length	Catalog Number
Weld - Flex	Locomotive - Navy												
1/0 str.† G #1 (133/0.0251) H #1 (259/0.0180) I #1 (225/24) K #1 (836/0.010)	225/24 Navy 100	Pink	348/12 (2)	42 (2)	1/4	3/4"	45/64"	0.40"	2 5/8"	2 1/64"	1/8"	1 9/16"	CLL-1-W-1/4
					5/16	3/4"	49/64"	0.40"	2 35/64"	2 1/64"	1/8"		CLL-1-W-5/16
					3/8	3/4"	53/64"	0.40"	2 39/64"	2 3/64"	1/8"		CLL-1-W-3/8
					1/2	5 1/64"	1 17/64"	0.40"	3 5/16"	1 5/32"	7/64"		CLL-1-W-1/2
					5/8	7/8"	1 1/2"	0.40"	3 9/32"	5/8"	5/64"		CLL-1-W-5/8
2/0 str. G #1/0 (133/0.0282) H #1/0 (259/0.0202) I #1/0 (275/24) K #1/0 (1064/0.010)	275/24 Navy 125	Black	13 (2)	45 (2)	1/4	1 3/16"	2 5/32"	0.44"	2 21/32"	1 1/32"	1/8"	1 5/8"	CLL-1/0-W-1/4
					5/16	1 3/16"	2 5/32"	0.44"	2 21/32"	1 1/32"	1/8"		CLL-1/0-W-5/16
					3/8	1 3/16"	2 7/32"	0.44"	2 23/32"	2 5/64"	1/8"		CLL-1/0-W-3/8
					1/2	1 3/16"	1 3/32"	0.44"	2 31/32"	1/2"	1/8"		CLL-1/0-W-1/2
3/0 str. G #2/0 (133/0.0316) H #2/0 (259/0.0227) I #2/0 (325/24)	325/24 Navy 150	Orange	296/14 (2)	50 (2)	1/4	2 9/32"	2 5/32"	0.49"	2 23/32"	1 1/32"	1/8"	1 11/16"	CLL-2/0-W-1/4
					5/16	2 9/32"	2 5/32"	0.49"	2 23/32"	1 1/32"	1/8"		CLL-2/0-W-5/16
					3/8	2 9/32"	2 7/32"	0.49"	2 25/32"	2 5/64"	1/8"		CLL-2/0-W-3/8
					1/2	5 7/64"	1 3/32"	0.49"	3 1/32"	1/2"	1/8"		CLL-2/0-W-1/2
4/0 str. G #3/0 (133/0.0355) H #3/0 (259/0.0255) I #3/0 (450/24) K #2/0 (1323/0.010)	450/24 Navy 200	Purple	297/15 (2)	54 (2)	1/4	1"	2 5/32"	0.56"	2 23/32"	1 1/32"	5/32"	1 11/16"	CLL-3/0-W-1/4
					5/16	1"	2 5/32"	0.56"	2 23/32"	1 1/32"	5/32"		CLL-3/0-W-5/16
					3/8	1"	5 5/64"	0.56"	2 51/64"	2 5/64"	5/32"		CLL-3/0-W-3/8
					1/2	1"	1 3/32"	0.56"	3 1/32"	1/2"	5/32"		CLL-3/0-W-1/2
300 MCM G #4/0 (133/0.0399) H #4/0 (259/0.0286) I #4/0 (550/24) K #3/0 (1666/0.010) K #4/0 (2107/0.010)	550/24 Navy 250	White	298/17 (4)	66 (2)	1/4	1 3/16"	1 1/64"	0.65"	3 13/64"	2 5/64"	5/32"	1 15/16"	CLL-4/0-W-1/4
					5/16	1 3/16"	1 1/64"	0.65"	3 13/64"	2 5/64"	5/32"		CLL-4/0-W-5/16
					3/8	1 3/16"	1 1/64"	0.65"	3 13/64"	2 5/64"	5/32"		CLL-4/0-W-3/8
					1/2	1 3/32"	1 1/8"	0.65"	3 5/16"	1/2"	5/32"		CLL-4/0-W-1/2
					5/8	1 3/16"	1 1/4"	0.65"	3 7/16"	5/8"	5/32"		CLL-4/0-W-5/8
350 MCM G 250 MCM (259/0.0311) H 250 MCM (427/0.0242) I 262.6 MCM (650/24) K 250 MCM (2499/0.010)	650/24 --	Red	324/18 (4)	71H (4)	3/8	1 1/32"	1 1/64"	0.70"	3 17/64"	2 5/64"	3/16"	1 15/16"	CLL-250-W-3/8
					1/2	1 9/32"	1 1/8"	0.70"	3 3/8"	1/2"	3/16"		CLL-250-W-1/2
					5/8	1 9/32"	1 2 1/64"	0.70"	3 37/64"	5/8"	3/16"		CLL-250-W-5/8
400 MCM G 300 MCM (259/0.0340) H 300 MCM (427/0.0265) I 313.1 MCM (775/24) K 262.6 MCM (2615/0.010)	775/24 --	Blue	470/19 (4)	76 (2)	3/8	1 3/8"	1 11/64"	0.75"	3 43/64"	1/2"	3/16"	2 1/16"	CLL-300-W-3/8
					1/2	1 3/8"	1 11/64"	0.75"	3 43/64"	1/2"	3/16"		CLL-300-W-1/2
					5/8	1 3/8"	1 3/8"	0.75"	3 7/8"	5/8"	3/16"		CLL-300-W-5/8

Connectors

Accommodates Cable Type		Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	C	D	F	L	N	T	Wire Strip Length	Catalog Number							
Weld - Flex	Locomotive - Navy																			
450 MCM† G 350 MCM (259/0.0368) H 350 MCM (427/0.0286) K 300 MCM (2989/0.010) K 313.1 MCM (3136/0.010)	--	Grey	326 (4)	--	1/2	1 15/32"	1 11/64"	0.80"	3 59/64"	1/2"	13/64"	2 5/16"	CLL-350-W-1/2							
	--												5/8	1 15/32"	1 3/8"	0.80"	4 1/8"	5/8"	13/64"	CLL-350-W-5/8
500 MCM G 400 MCM (259/0.0393) H 400 MCM (427/0.0306) I 373.7 MCM (925/24) K 350 MCM (3458/0.010) K 373.7 MCM (3737/0.010)	925/24	Brown	299/20 (4)	87H (4)	1/2	1 17/32"	1 11/64"	0.85"	4 31/64"	1/2"	7/32"	2 1/2"	CLL-400-W-1/2							
	--												5/8	1 17/32"	1 11/64"	0.85"	4 5/64"	5/8"	7/32"	CLL-400-W-5/8
600 MCM G 450 MCM (259/0.0417) H 450 MCM (427/0.0325) I 444.4 MCM (1100/24) K 400 MCM (3990/0.010)	1100/24	Green	472/22 (4)	94H (4)	1/2	1 45/64"	1 3/4"	0.92"	5 7/64"	7/8"	9/32"	2 11/16"	CLL-450-W-1/2							
	--												5/8	1 45/64"	1 3/4"	0.92"	5 7/64"	7/8"	9/32"	CLL-450-W-5/8
700 MCM G 500 MCM (259/0.0439) H 500 MCM (427/0.0342)	--	Pink	400 (4)	99H (4)	1/2	1 51/64"	1 15/16"	0.98"	5 3/4"	7/8"	9/32"	2 7/8"	CLL-500-W-1/2							
	--												5/8	1 51/64"	1 15/16"	0.98"	5 3/4"	7/8"	9/32"	CLL-500-W-5/8
	--												7/8	1 51/64"	1 31/32"	0.98"	5 25/32"	29/32"	9/32"	CLL-500-W-7/8
750 MCM G 550 MCM (427/0.0359) H 550 MCM (703/0.0280) I 535.3 MCM (1325/24) K 500 MCM (5054/0.010) K 535.3 MCM (5320/0.010)	1325/24	Black	300/24 (4)	106H (4)	1/2	1 55/64"	1 15/16"	1.02"	5 7/8"	7/8"	19/64"	3"	CLL-550-W-1/2							
	--												5/8	1 55/64"	1 15/16"	1.02"	5 7/8"	7/8"	19/64"	CLL-550-W-5/8
	--												7/8	1 55/64"	2 1/32"	1.02"	5 31/32"	31/32"	19/64"	CLL-550-W-7/8
800 MCM G 600 MCM (427/0.0375) H 600 MCM (703/0.0292) I 592 MCM (1480/24)	--	Orange	25 (4)	107H (4)	1/2	1 15/16"	1 15/16"	1.05"	5 31/32"	15/16"	1 1/32"	3 1/16"	CLL-600-W-1/2							
	--												5/8	1 15/16"	1 15/16"	1.05"	5 31/32"	15/16"	1 1/32"	CLL-600-W-5/8
	--												7/8	1 15/16"	1 31/32"	1.05"	6"	31/32"	1 1/32"	CLL-600-W-7/8

Table continued on next page

†Standard cable sizes are in bold.

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Connectors – Terminal Lugs

One-Hole Copper Compression Flex Conductor Lugs—Long Barrel, *continued* Type CLL for cable to flat

Connectors

Accommodates Cable Type		Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	C	D	F	L	N	T	Wire Strip Length	Catalog Number
Weld - Flex	Locomotive - Navy												
900 MCM† G 650 MCM (427/0.0390) G 700 MCM (427/0.0405) H 650 MCM (703/0.0304) H 700 MCM (703/0.0316) I 646.4 MCM (1600/24) K 600 MCM (5985/0.010) K 646.4 MCM (6466/0.010)	1600/24	Yellow	26 (4)	115H (4)	1/2	2 1/32"	2 1/16"	1.13"	6 5/32"	1 5/16"	1 1/32"	3 1/8"	CLL-700-W-1/2
	--												CLL-700-W-5/8
													CLL-700-W-7/8
1000 MCM G 750 MCM (427/0.0419) H 750 MCM (703/0.0327) I 777.7 MCM (1925/24)	1925/24	White	473/27 (4)	125H (4)	1/2	2 5/64"	2 5/32"	1.17"	6 1/4"	3 1/32"	1 1/32"	3 1/8"	CLL-750-W-1/2
	--												CLL-750-W-5/8
													CLL-750-W-7/8

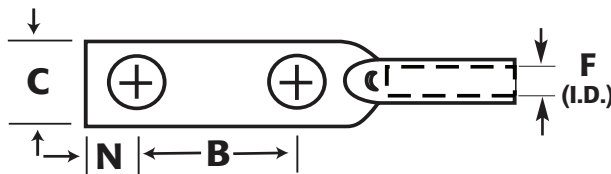
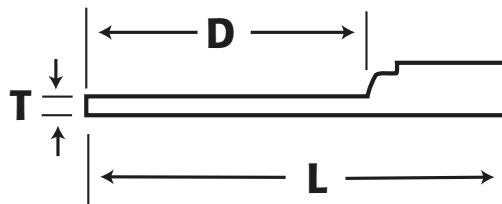
†Standard cable sizes are in bold.

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

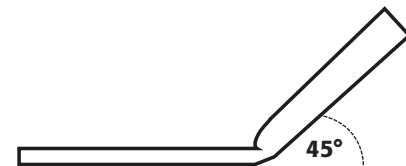
Two-Hole Copper Compression Terminal Lugs— Short Barrel with Sight Hole

Type CL 2 for cable to flat



Features

- Accommodates #14 to 1000 MCM.
- Short barrel for installation in minimum space.
- Available with nonstandard holes or undrilled tongue.
- Manufactured from high-grade, high-conductivity seamless copper tubing.
- Tin plated to minimize corrosion. Available unplated or with special plating.
- Color coded for wire size.
- Suffix **-2N** indicates NEMA spacing (1 $\frac{3}{4}$ " and size ($\frac{1}{2}$ " bolt hole size).



- Add suffix for desired bend. For example, to get the above terminal lug, add suffix **-45** for a 45° bend.

Call to order, or to discuss other options. Use the tables on the following pages for standard lugs. Use the matrix below to specify other options.

Part Numbering Variations Matrix

CL - 4/0 - 2 - 3/8 - 1 - 30 - NP

Conductor Size

Bolt Size
(omit for blank tongue)

Hole Spacing

Tongue Angle
(omit for straight tongue)

Additional Suffixes:

- L – Sight Hole
- NP – No Plating
- BT – Blank Tongue
- M – Matte Tin
- 2N – NEMA spacing

The example above calls out a two-hole copper compression terminal lug with a short barrel and a sight hole, which accommodates a 4/0 conductor and $\frac{3}{8}$ " bolts 1" apart, with a 30° bend and no plating.

Connectors – Terminal Lugs

Two-Hole Copper Compression Terminal Lugs—Short Barrel with Sight Hole Type CL 2 for cable to flat

Cable Size	Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	B	C	D	F	L	N	T	Wire Strip Length	Catalog Number
14 str.– 10 str	None	Y8MRB-1 (1)	ERG2002 (1)	10	5/8	1 1/32"	1 11/64"	0.13"	1 45/64"	15/64"	1/16"	7/16"	CL-10-2-10
				1/4	5/8	7/16"	1 3/16"	0.13"	1 13/16"	1/4"	1/16"		CL-10-2-1/4
8 str.	Red	49 (1)	21 (1)	#10	5/8	3/8"	1 11/64"	0.18"	1 21/32"	15/64"	1/16"	7/16"	CL-8-2-10
				1/4	5/8	27/64"	1 3/16"	0.18"	1 21/32"	1/4"	1/16"		CL-8-2-1/4
6 str.	Blue	374/7 (1)	24 (1)	#10	5/8	13/32"	1 11/64"	0.22"	1 7/8"	15/64"	5/64"	11/16"	CL-6-2-10
				1/4	5/8	27/64"	1 3/16"	0.22"	1 57/64"	1/4"	5/64"		CL-6-2-1/4
				5/16	7/8	1/2"	1 5/8"	0.22"	2 21/64"	11/32"	5/64"		CL-6-2-5/16
				3/8	1	17/32"	1 13/16"	0.22"	2 33/64"	3/8"	1/16"		CL-6-2-3/8
5 str.	Blue	374/7 (1)	24 (1)	#10	5/8	29/64"	1 11/64"	0.25"	1 61/64"	15/64"	3/32"	11/16"	CL-5-2-10
				1/4	5/8	29/64"	1 3/16"	0.25"	1 31/32"	1/4"	3/32"		CL-5-2-1/4
				5/16	7/8	33/64"	1 5/8"	0.25"	2 13/32"	11/32"	3/32"		CL-5-2-5/16
				3/8	1	37/64"	1 13/16"	0.25"	2 19/32"	3/8"	5/64"		CL-5-2-3/8
4 str.	Grey	346/8 (1)	29 (1)	#10	5/8	1/2"	1 11/64"	0.27"	1 15/16"	15/64"	7/64"	11/16"	CL-4-2-10
				1/4	5/8	1/2"	1 3/16"	0.27"	2 61/64"	1/4"	7/64"		CL-4-2-1/4
				5/16	7/8	17/32"	1 5/8"	0.27"	2 25/64"	11/32"	3/32"		CL-4-2-5/16
				3/8	1	9/16"	1 13/16"	0.27"	2 7/64"	3/8"	3/32"		CL-4-2-3/8
3 str.	White	9 (1)	33 (1)	1/4	5/8	17/32"	1 3/16"	0.28"	2 1/8"	1/4"	7/64"	3/4"	CL-3-2-1/4
				5/16	7/8	9/16"	1 5/8"	0.28"	2 9/16"	11/32"	3/32"		CL-3-2-5/16
				3/8	1	5/8"	1 13/16"	0.28"	2 3/4"	3/8"	5/64"		CL-3-2-3/8
2 str.	Brown	10 (1)	33 (1)	1/4	5/8	5/8"	1 3/16"	0.31"	2 3/16"	1/4"	3/32"	7/8"	CL-2-2-1/4
				5/16	7/8	39/64"	1 5/8"	0.31"	2 5/8"	11/32"	7/64"		CL-2-2-5/16
				3/8	1	39/64"	1 13/16"	0.31"	2 13/16"	3/8"	7/64"		CL-2-2-3/8
1 str.	Green	375/11 (1)	37 (1)	1/4	5/8	43/64"	1 3/16"	0.36"	2 21/64"	1/4"	1/8"	15/16"	CL-1-2-1/4
				5/16	7/8	45/64"	1 5/8"	0.36"	2 33/64"	11/32"	7/64"		CL-1-2-5/16
				3/8	1	45/64"	1 13/16"	0.36"	2 61/64"	3/8"	1/8"		CL-1-2-3/8
1/0 str.	Pink	348/12 (1)	42 (1)	3/8	5/8	3/4"	1 3/16"	0.40"	2 11/32"	1/4"	1/8"	15/16"	CL-1/0-2-1/4
				5/16	7/8	3/4"	1 5/8"	0.40"	2 25/32"	11/32"	1/8"		CL-1/0-2-5/16
				3/8	1	3/4"	1 13/16"	0.40"	2 31/32"	3/8"	1/8"		CL-1/0-2-3/8
				1/2	1 3/4	5 1/64"	3"	0.40"	3 45/64"	1/2"	7/64"		CL-1/0-2N
2/0 str.	Black	13 (1)	45 (1)	1/4	5/8	13/16"	1 3/16"	0.44"	2 7/16"	1/4"	1/8"	1"	CL-2/0-2-1/4
				5/16	7/8	13/16"	1 5/8"	0.44"	2 7/8"	11/32"	1/8"		CL-2/0-2-5/16
				3/8	1	13/16"	1 13/16"	0.44"	3 1/16"	3/8"	1/8"		CL-2/0-2-3/8
				1/2	1 3/4	13/16"	3"	0.44"	4 1/4"	1/2"	1/8"		CL-2/0-2N
3/0 str.	Orange	296/14 (1)	50 (1)	1/4	5/8	21/32"	1 3/16"	0.49"	2 15/32"	1/4"	1/8"	1"	CL-3/0-2-1/4
				5/16	7/8	29/32"	1 5/8"	0.49"	2 29/32"	11/32"	1/8"		CL-3/0-2-5/16
				3/8	1	29/32"	1 13/16"	0.49"	3 3/32"	3/8"	1/8"		CL-3/0-2-3/8
				1/2	1 3/4	57/64"	3"	0.49"	4 11/32"	1/2"	1/8"		CL-3/0-2N

Cable Size	Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	B	C	D	F	L	N	T	Wire Strip Length	Catalog Number
4/0 str.	Purple	297/15 (1)	54 (1)	1/4	5/8	1"	1 3/16"	.56"	2 1/2"	1/4"	5/32"	1 1/8"	CL-4/0-2-1/4
				5/16	7/8	1"	1 5/8"	.56"	2 5/16"	1 1/32"	5/32"		CL-4/0-2-5/16
				3/8	1	1"	1 13/16"	.56"	3 1/8"	3/8"	5/32"		CL-4/0-2-3/8
				1/2	1 3/4	1"	3"	.56"	4 15/32"	1/2"	5/32"		CL-4/0-2N
250 MCM	Yellow	467/16 (1)	62 (1)	1/4	1/2	1 1/8"	1 3/16"	0.60"	2 3/8"	1/4"	5/32"	1 1/4"	CL-250-2-1/4
				5/16	7/8	1 1/8"	1 5/8"	0.60"	3 1/16"	1 1/32"	5/32"		CL-250-2-5/16
				3/8	1	1 1/8"	1 13/16"	0.60"	3 1/4"	3/8"	5/32"		CL-250-2-3/8
				1/2	1 3/4	1 1/8"	3"	0.60"	4 7/16"	1/2"	5/32"		CL-250-2N
300 MCM	White	298/17 (2)	66 (1)	1/4	1/2	1 3/16"	1 3/16"	0.65"	2 3/8"	1/4"	5/32"	1 1/4"	CL-300-2-1/4
				5/16	7/8	1 3/16"	1 5/8"	0.65"	3 1/16"	1 1/32"	5/32"		CL-300-2-5/16
				3/8	1	1 3/16"	1 13/16"	0.65"	3 1/4"	3/8"	5/32"		CL-300-2-3/8
				1/2	1 3/4	1 3/16"	3"	0.65"	4 7/16"	1/2"	5/32"		CL-300-2N
350 MCM	Red	324/18 (2)	71H (2)	3/8	1	1 9/32"	1 13/16"	0.70"	3 5/16"	3/8"	3/16"	1 1/4"	CL-350-2-3/8
				1/2	1 3/4	1 9/32"	3"	0.70"	4 1/2"	1/2"	3/16"		CL-350-2N
400 MCM	Blue	470/19 (2)	76 (1)	3/8	1	1 3/8"	1 13/16"	0.75"	3 41/64"	3/8"	3/16"	1 3/8"	CL-400-2-3/8
				1/2	1 3/4	1 3/8"	3"	0.75"	4 53/64"	1/2"	3/16"		CL-400-2N
450 MCM	Grey	326 (2)	--	1/4	1 3/4	1 15/32"	3"	0.80"	4 11/16"	1/2"	13/64"	1 3/8"	CL-450-2N
500 MCM	Brown	299/20 (2)	87H (2)	1/2	1 3/4	1 17/32"	3"	0.85"	4 7/8"	1/2"	7/32"	1 7/16"	CL-500-2N
600 MCM	Green	472/22 (2)	94H (2)	1/2	1 3/4	1 45/64"	3"	0.92"	5 1/8"	1/2"	9/32"	1 7/16"	CL-600-2N
700 MCM	Pink	400 (2)	99H (2)	1/2	1 3/4	1 51/64"	3"	0.98"	5 5/8"	1/2"	9/32"	1 7/16"	CL-700-2N
750 MCM	Black	300/24 (2)	106H (2)	1/2	1 3/4	1 55/64"	3"	1.02"	5 1/2"	1/2"	9/32"	1 9/16"	CL-750-2N
800 MCM	Orange	25 (3)	107H (2)	1/2	1 3/4	1 51/16"	3"	1.05"	5 17/32"	1/2"	11/32"	1 5/8"	CL-800-2N
900 MCM	Yellow	26 (3)	115H (2)	1/2	1 3/4	2 1/32"	3"	1.13"	5 7/8"	1/2"	11/32"	1 15/16"	CL-900-2N
1000 MCM	White	473/27 (3)	125H (2)	1/2	1 3/4	2 3/64"	3"	1.17"	5 7/8"	1/2"	11/32"	1 15/16"	CL-1000-2N

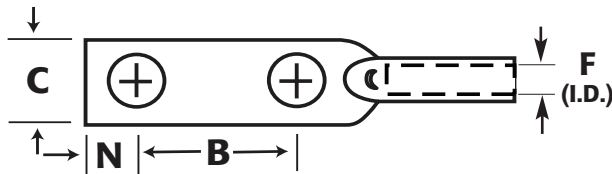
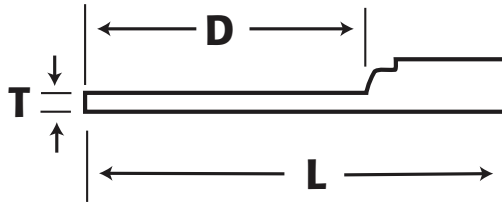
Connectors

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

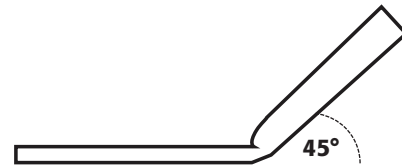
Two-Hole Copper Compression Flex Conductor Lugs— Short Barrel with Sight Hole

Type CL 2 for cable to flat



Features

- Accommodates #14 to 1000 MCM.
- Short barrel for installation in minimum space.
- Available with nonstandard holes or undrilled tongue.
- Manufactured from high-grade, high-conductivity seamless copper tubing.
- Tin plated to minimize corrosion. Available unplated or with special plating.
- Color coded for wire size.
- Suffix **-2N** indicates NEMA spacing (1¼") and size (½" bolt hole size).



- Add suffix for desired bend. For example, to get the above terminal lug, add suffix **-45** for a 45° bend.

Call to order, or to discuss other options. Use the tables on the following pages for standard lugs. Use the matrix below to specify other options.

Part Numbering Variations Matrix

CL - 4/0 W - 2 - 3/8 - 1 - 30 - NP

Conductor Size

Bolt Size
(omit for blank tongue)

Hole Spacing

Tongue Angle
(omit for straight tongue)

Additional Suffixes:

- L – Sight Hole
- NP – No Plating
- BT – Blank Tongue
- M – Matte Tin
- 2N – NEMA spacing

The example above calls out a two-hole copper compression flex conductor lug with a short barrel and a sight hole, which accommodates a 4/0 conductor and 3/8" bolts 1" apart, with a 30° bend and no plating.

Accommodates Cable Type		Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	B	C	D	F	L	N	T	Wire Strip Length	Catalog Number								
Weld - Flex	Locomotive - Navy																					
#14-#10 str.† G #12 (49/0.0115) I #10 (27/24) K #10 (65/0.010)	--	None	Y8MRB-1 (1)	ERG2002 (1)	#10	5/8	1 1/32"	1 11/64"	0.13"	1 45/64"	15/64"	1/16"	7/16"	CL-10-W-2-10								
	--													1/4	5/8	7/16"	1 3/16"	0.13"	1 13/16"	1/4"	1/16"	CL-10-W-2-1/4
8 str. G #10 (49/0.0146) G #8 (49/0.0184) H #8 (133/0.0111) I #8 (37/24) K #9 (105/0.010) K #8 (168/0.010)	37/24	Red	49 (1)	21 (1)	#10	5/8	3/8"	1 11/64"	0.18"	1 21/32"	15/64"	1/16"	7/16"	CL-8-W-2-10								
	Navy 23													1/4	5/8	27/64"	1 3/16"	0.18"	1 21/32"	1/4"	1/16"	CL-8-W-2-1/4
6 str. G #6 (49/0.0231) H #6 (133/0.0140) I #6 (61/24) K #6 (266/0.010)	61/24	Blue	374/7 (1)	24 (1)	#10	5/8	13/32"	1 11/64"	0.22"	1 7/8"	15/64"	5/64"	1 1/16"	CL-6-W-2-10								
	Navy 30													1/4	5/8	27/64"	1 3/16"	0.22"	1 57/64"	1/4"	5/64"	CL-6-W-2-1/4
														5/16	7/8	1/2"	1 5/8"	0.22"	2 21/64"	11/32"	5/64"	CL-6-W-2-5/16
														3/8	1	17/32"	1 13/16"	0.22"	2 33/64"	3/8"	1/16"	CL-6-W-2-3/8
5 str. G #5 (49/0.0260) H #5 (133/0.0158) I #5 (91/24)	--	Blue	374/7 (1)	24 (1)	#10	5/8	29/64"	1 11/64"	0.25"	1 61/64"	15/64"	3/32"	1 1/16"	CL-5-W-2-10								
	--													1/4	5/8	29/64"	1 3/16"	0.25"	1 31/32"	1/4"	3/32"	CL-5-W-2-1/4
	--													5/16	7/8	33/64"	1 5/8"	0.25"	2 13/32"	11/32"	3/32"	CL-5-W-2-5/16
	--													3/8	1	37/64"	1 13/16"	0.25"	2 19/32"	3/8"	5/64"	CL-5-W-2-3/8
4 str. G #4 (49/0.0292) H #4 (133/0.0177) K #5 (336/0.010) K #4 (420/0.010)	--	Grey	346/8 (1)	29 (1)	#10	5/8	1/2"	1 11/64"	0.27"	1 15/16"	15/64"	7/64"	1 1/16"	CL-4-W-2-10								
	--													1/4	5/8	1/2"	1 3/16"	0.27"	2 61/64"	1/4"	7/64"	CL-4-W-2-1/4
	--													5/16	7/8	17/32"	1 5/8"	0.27"	2 25/64"	11/32"	3/32"	CL-4-W-2-5/16
	--													3/8	1	9/16"	1 13/16"	0.27"	2 7/64"	3/8"	3/32"	CL-4-W-2-3/8
2 str. G #3 (49/0.0328) H #3 (133/0.0199) I #4 (105/24) I #3 (125/24) K #3 (532/0.010)	105/24	Brown	10 (1)	33 (1)	1/4	5/8	5/8"	1 3/16"	0.31"	2 3/16"	1/4"	3/32"	7/8"	CL-3-W-2-1/4								
	Navy 40-50-60													5/16	7/8	39/64"	1 5/8"	0.31"	2 5/8"	11/32"	7/64"	CL-3-W-2-5/16
														3/8	1	39/64"	1 13/16"	0.31"	2 13/16"	3/8"	7/64"	CL-3-W-2-3/8

†Standard cable sizes are in bold.

Table continued on next page

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Connectors – Terminal Lugs

Two-Hole Copper Compression Flex Conductor Lugs— Short Barrel with Sight Hole, *continued* Type CL 2 for cable to flat

Accommodates Cable Type		Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	B	C	D	F	L	N	T	Wire Strip Length	Catalog Number
Weld - Flex	Locomotive - Navy													
1 str.† G #2 (49/0.0368) H #2 (133/0.0223) I #2 (150/24) K #2 (665/0.010)	150/24	Green	375/11 (1)	37 (1)	1/4	5/8	43/64"	13/16"	0.36"	221/64"	1/4"	1/8"	15/16"	CL-2-W-2-1/4
	Navy 75				5/16	7/8	45/64"	15/8"	0.36"	233/64"	11/32"	7/64"		CL-2-W-2-5/16
					3/8	1	45/64"	113/16"	0.36"	261/64"	3/8"	1/8"		CL-2-W-2-3/8
1/0 str. G #1 (133/0.0251) H #1 (259/0.0180) I #1 (225/24) K #1 (836/0.010)	225/24	Pink	348/12 (1)	42 (1)	1/4	5/8	3/4"	13/16"	0.40"	211/32"	1/4"	1/8"	15/16"	CL-1-W-2-1/4
	Navy 100				5/16	7/8	3/4"	15/8"	0.40"	225/32"	11/32"	1/8"		CL-1-W-2-5/16
					3/8	1	3/4"	113/16"	0.40"	231/32"	3/8"	1/8"		CL-1-W-2-3/8
					1/2	13/4	51/64"	3"	0.40"	345/64"	1/2"	7/64"		CL-1-W-2N
2/0 str. G #1/0 (133/0.0282) H #1/0 (259/0.0202) I #1/0 (275/24) K #1/0 (1064/0.010)	275/24	Black	13 (1)	45 (1)	1/4	5/8	13/16"	13/16"	0.44"	27/16"	1/4"	1/8"	1"	CL-1/0-W-2-1/4
	Navy 125				5/16	7/8	13/16"	15/8"	0.44"	27/8"	11/32"	1/8"		CL-1/0-W-2-5/16
					3/8	1	13/16"	113/16"	0.44"	31/16"	3/8"	1/8"		CL-1/0-W-2-3/8
					1/2	13/4	13/16"	3"	0.44"	41/4"	1/2"	1/8"		CL-1/0-W-2N
3/0 str. G #2/0 (133/0.0316) H #2/0 (259/0.0227) I #2/0 (325/24)	325/24	Orange	296/14 (1)	50 (1)	1/4	5/8	21/32"	13/16"	0.49"	215/32"	1/4"	1/8"	1"	CL-2/0-W-2-1/4
	Navy 150				5/16	7/8	29/32"	15/8"	0.49"	229/32"	11/32"	1/8"		CL-2/0-W-2-5/16
					3/8	1	29/32"	113/16"	0.49"	33/32"	3/8"	1/8"		CL-2/0-W-2-3/8
					1/2	13/4	57/64"	3"	0.49"	411/32"	1/2"	1/8"		CL-2/0-W-2N
4/0 str. G #3/0 (133/0.0355) H #3/0 (259/0.0255) I #3/0 (450/24) K #2/0 (1323/0.010)	450/24	Purple	297/15 (1)	54 (1)	1/4	5/8	1"	13/16"	.56"	21/2"	1/4"	5/32"	11/8"	CL-3/0-W-2-1/4
	Navy 200				5/16	7/8	1"	15/8"	.56"	215/16"	11/32"	5/32"		CL-3/0-W-2-5/16
					3/8	1	1"	113/16"	.56"	31/8"	3/8"	5/32"		CL-3/0-W-2-3/8
					1/2	13/4	1"	3"	.56"	415/32"	1/2"	5/32"		CL-3/0-W-2N
300 MCM G #4/0 (133/0.0399) H #4/0 (259/0.0286) I #4/0 (550/24) K #3/0 (1666/0.010) K #4/0 (2107/0.010)	550/24	White	298/17 (2)	66 (1)	1/4	5/8	13/16"	13/16"	0.65"	25/8"	1/4"	5/32"	11/4"	CL-4/0-W-2-1/4
	Navy 250				5/16	7/8	13/16"	15/8"	0.65"	31/16"	11/32"	5/32"		CL-4/0-W-2-5/16
					3/8	1	13/16"	113/16"	0.65"	31/4"	3/8"	5/32"		CL-4/0-W-2-3/8
					1/2	13/4	13/16"	3"	0.65"	47/16"	1/2"	5/32"		CL-4/0-W-2N

Connectors

Connectors – Terminal Lugs

Accommodates Cable Type		Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	B	C	D	F	L	N	T	Wire Strip Length	Catalog Number
Weld - Flex	Locomotive - Navy													
350 MCM† G 250 MCM (259/0.0311) H 250 MCM (427/0.0242) I 262.6 MCM (650/24) K 250 MCM (2499/0.010)	650/24	Red	324/18 (2)	71H (2)	3/8	1	1 1/2"	1 13/16"	0.70"	3 5/16"	3/8"	3/16"	1 1/4"	CL-250-W-2-3/8
	--													
400 MCM G 300 MCM (259/0.0340) H 300 MCM (427/0.0265) I 313.1 MCM (775/24) K 262.6 MCM (2615/0.010)	775/24	Blue	470/19 (2)	76 (1)	3/8	1	1 3/8"	1 13/16"	0.75"	3 41/64"	3/8"	3/16"	1 3/8"	CL-300-W-2-3/8
	--													
450 MCM G 350 MCM (259/0.0368) H 350 MCM (427/0.0286) K 300 MCM (2989/0.010) K 313.1 MCM (3136/0.010)	--	Grey	326 (2)	--	1/2	1 3/4	1 15/32"	3"	0.80"	4 11/16"	1/2"	13/64"	1 3/8"	CL-350-W-2N
	--													
500 MCM G 400 MCM (259/0.0393) H 400 MCM (427/0.0306) I 373.7 MCM (925/24) K 350 MCM (3458/0.010) K 373.7 MCM (3737/0.010)	925/24	Brown	299/20 (2)	87H (2)	1/2	1 3/4	1 17/32"	3"	0.85"	4 7/8"	1/2"	7/32"	1 1/16"	CL-400-W-2N
	--													
600 MCM G 450 MCM (259/0.0417) H 450 MCM (427/0.0325) I 444.4 MCM (1100/24) K 400 MCM (3990/0.010)	1100/24	Green	472/22 (2)	94H (2)	1/2	1 3/4	1 45/64"	3"	0.92"	5 1/8"	1/2"	5/32"	1 1/16"	CL-450-W-2N
	--													

Connectors

†Standard cable sizes are in bold.

Table continued on next page

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Connectors – Terminal Lugs

Two-Hole Copper Compression Flex Conductor Lugs— Short Barrel with Sight Hole, *continued* Type CL 2 for cable to flat

Accommodates Cable Type		Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	B	C	D	F	L	N	T	Wire Strip Length	Catalog Number
Weld - Flex	Locomotive - Navy													
700 MCM† G 500 MCM (259/0.0439) H 500 MCM (427/0.0342)	--	Pink	400 (2)	99H (2)	½	1¾	1 ⁵¹ / ₆₄ "	3"	0.98"	5 ⁵ / ₈ "	½"	⅝"	1 ⁷ / ₁₆ "	CL-500-W-2N
750 MCM G 550 MCM (427/0.0359) H 550 MCM (703/0.0280) I 535.3 MCM (1325/24) K 500 MCM (5054/0.010) K 535.3 MCM (5320/0.010)	1325/24 --	Black	300/24 (2)	106H (2)	½	1¾	1 ⁵⁵ / ₆₄ "	3"	1.02"	5 ¹ / ₂ "	½"	⅝"	1 ¹ / ₆ "	CL-550-W-2N
800 MCM G 600 MCM (427/0.0375) H 600 MCM (703/0.0292) I 592 MCM (1480/24)	-- --	Orange	25 (3)	107H (2)	½	1¾	1 ¹⁵ / ₁₆ "	3"	1.05"	5 ¹⁷ / ₃₂ "	½"	1 ¹ / ₃₂ "	1 ⁵ / ₈ "	CL-600-W-2N
900 MCM G 650 MCM (427/0.0390) G 700 MCM (427/0.0405) H 650 MCM (703/0.0304) H 700 MCM (703/0.0316) I 646.4 MCM (1600/24) K 600 MCM (5985/0.010) K 646.4 MCM (6466/0.010)	1600/24 --	Yellow	26 (3)	115H (2)	½	1¾	2 ¹ / ₃₂ "	3"	1.13"	5 ⁷ / ₈ "	½"	1 ¹ / ₃₂ "	1 ¹⁵ / ₁₆ "	CL-700-W-2N
1000 MCM G 750 MCM (427/0.0419) H 750 MCM (703/0.0327) I 777.7 MCM (1925/24)	1925/24 --	White	473/27 (3)	125H (2)	½	1¾	2 ⁹ / ₆₄ "	3"	1.17"	5 ⁷ / ₈ "	½"	1 ¹ / ₃₂ "	1 ¹⁵ / ₁₆ "	CL-750-W-2N

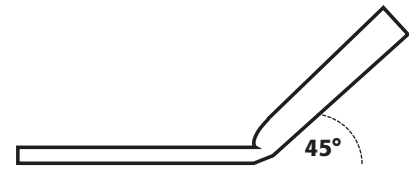
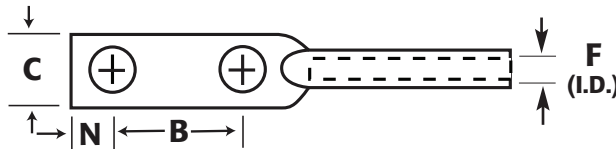
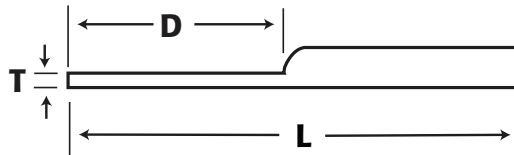
†Standard cable sizes are in bold.

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Two-Hole Copper Compression Terminal Lugs—Long Barrel

Type CLL 2 for cable to flat



Features

- Accommodates #14 to 1000 MCM.
- Tin plated to minimize corrosion.
- Color-coded to indicate wire size.
- Long barrels for double crimping
- Available unplated, or with special plating.
- Available with nonstandard hole spacing.
- Add suffix **-2N** to indicate NEMA spacing (1 $\frac{3}{4}$ " and size (1/2" bolt hole size).

- Add suffix for desired bend. For example, to get the above terminal lug, add suffix **-45** for a 45° bend.

Call to order, or to discuss other options. Use the table on the following page for standard lugs. Use the matrix below to specify other options.

Part Numbering Variations Matrix

CLL - 4/0 - 2 - 3/8 - 1 - 30 - L

Conductor Size

Bolt Size
(omit for blank tongue)

Hole Spacing

Tongue Angle
(omit for straight tongue)

Additional Suffixes:

- L – Sight Hole
- NP – No Plating
- BT – Blank Tongue
- XL – Sight Hole and Longer
- M – Matte Tin
- 2N – NEMA spacing

The example above calls out a two-hole copper compression terminal lug with a long barrel, which accommodates a 4/0 conductor and 3/8" bolts 1" apart, with a 30° bend and a sight hole.

Connectors – Terminal Lugs

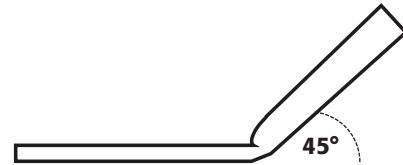
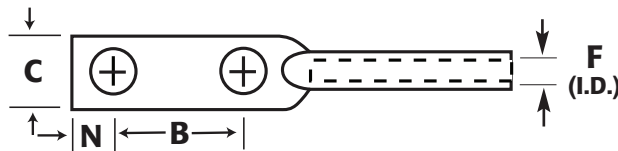
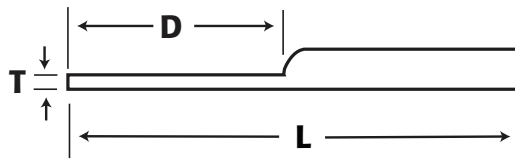
Cable Size	Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	B	C	D	F	L	N	T	Wire Strip Length	Catalog Number	
14 str. –10 str	None	Y8MRB-1 (2)	ERG2002 (2)	#10	5/8	11/32"	1 1/16"	0.13"	1 15/16"	1 5/64"	1/16"	1"	CLL-10-2-10	
					1/4	5/8	7/16"	1 3/16"	0.13"	2 3/64"	1/4"		1/16"	CLL-10-2-1/4
8 str.	Red	49 (2)	21 (2)	#10	5/8	3/8"	1 1/16"	0.18"	2 9/32"	3/32"	1/16"	1 1/8"	CLL-8-2-10	
					1/4	5/8	27/64"	1 3/16"	0.18"	2 5/32"	1/4"		1/16"	CLL-8-2-1/4
6 str.	Blue	374/7 (2)	24 (2)	#10	5/8	13/32"	1 1/16"	0.22"	2 25/64"	3/32"	5/64"	1 3/16"	CLL-6-2-10	
					1/4	5/8	27/64"	1 3/16"	0.22"	2 13/32"	1/4"		5/64"	CLL-6-2-1/4
					5/16	7/8	1/2"	1 3/8"	0.22"	2 27/32"	1 1/32"		5/64"	CLL-6-2-5/16
					3/8	1	17/32"	1 13/16"	0.22"	3 1/2"	3/8"		1/16"	CLL-6-2-3/8
5 str.	Blue	374/7 (2)	24 (2)	#10	5/8	29/64"	1 1/16"	0.25"	2 33/64"	3/32"	3/32"	1 1/4"	CLL-5-2-10	
					1/4	5/8	29/64"	1 3/16"	0.25"	2 17/32"	1/4"		3/32"	CLL-5-2-1/4
					5/16	7/8	33/64"	1 5/8"	0.25"	2 31/32"	1 1/32"		3/32"	CLL-5-2-5/16
					3/8	1	37/64"	1 13/16"	0.25"	3 5/32"	3/8"		5/64"	CLL-5-2-3/8
4 str.	Grey	346/8 (2)	29 (2)	#10	5/8	1/2"	1 1/16"	0.27"	2 9/16"	3/32"	7/64"	1 3/8"	CLL-4-2-10	
					1/4	5/8	1/2"	1 3/16"	0.27"	2 37/64"	1/4"		7/64"	CLL-4-2-1/4
					5/16	7/8	17/32"	1 5/8"	0.27"	3 1/64"	1 1/32"		3/32"	CLL-4-2-5/16
					3/8	1	9/16"	1 13/16"	0.27"	3 13/64"	3/8"		3/32"	CLL-4-2-3/8
3 str.	White	9 (2)	33 (2)	#10	1/4	5/8	17/32"	0.28"	2 51/64"	1/4"	7/64"	1 3/8"	CLL-3-2-1/4	
					5/16	7/8	9/16"	1 5/8"	0.28"	3 15/64"	1 1/32"		3/32"	CLL-3-2-5/16
2 str.	Brown	10 (2)	33 (2)	#10	3/8	1	5/8"	0.31"	2 7/8"	1/4"	3/32"	1 1/2"	CLL-2-2-1/4	
					5/16	7/8	39/64"	1 5/8"	0.31"	3 5/16"	1 1/32"		7/64"	CLL-2-2-5/16
1 str.	Green	375/11 (2)	37 (2)	#10	3/8	1	39/64"	0.31"	3 1/2"	3/8"	7/64"	1 1/2"	CLL-2-2-3/8	
					1/4	5/8	43/64"	1 3/16"	0.36"	2 15/16"	1/4"		1/8"	CLL-1-2-1/4
1/0 str.	Pink	348/12 (2)	42 (2)	#10	5/16	7/8	45/64"	0.36"	3 3/8"	1 1/32"	7/64"	1 1/8"	CLL-1-2-5/16	
					3/8	1	45/64"	1 13/16"	0.36"	3 9/16"	3/8"		1/8"	CLL-1-2-3/8
					1/4	5/8	3/4"	1 3/16"	0.40"	2 31/32"	1/4"		1/8"	CLL-1/0-2-1/4
					5/16	7/8	3/4"	1 5/8"	0.40"	3 13/32"	1 1/32"		1/8"	CLL-1/0-2-5/16
2/0 str.	Black	13 (2)	45 (2)	#10	3/8	1	3/4"	0.40"	3 1/2"	3/8"	1/8"	1 1/8"	CLL-1/0-2-3/8	
					1/2	1 3/4	51/64"	3"	0.40"	4 25/32"	1/2"		7/64"	CLL-1/0-2N
					1/4	5/8	13/16"	1 3/16"	0.44"	3 1/6"	1/4"		1/8"	CLL-2/0-2-1/4
					5/16	7/8	13/16"	1 5/8"	0.44"	3 1/2"	1 1/32"		1/8"	CLL-2/0-2-5/16
3/0 str.	Orange	296/14 (2)	50 (2)	#10	3/8	1	13/16"	0.44"	3 1 1/16"	3/8"	1/8"	1 5/8"	CLL-2/0-2-3/8	
					1/2	1 3/4	13/16"	3"	0.44"	4 7/8"	1/2"		1/8"	CLL-2/0-2N
					1/4	5/8	29/32"	1 3/16"	0.49"	3 1/8"	1/4"		1/8"	CLL-3/0-2-1/4
					5/16	7/8	29/32"	1 5/8"	0.49"	3 3/16"	1 1/32"		1/8"	CLL-3/0-2-5/16
4/0 str.	Purple	297/15 (2)	54 (2)	#10	3/8	1	29/32"	0.49"	3 3/4"	3/8"	1/8"	1 1 1/16"	CLL-3/0-2-3/8	
					1/2	1 3/4	57/64"	3"	0.49"	4 15/16"	1/2"		1/8"	CLL-3/0-2N
					1/4	5/8	1"	1 3/16"	0.56"	3 1/8"	1/4"		5/32"	CLL-4/0-2-1/4
					5/16	7/8	1"	1 5/8"	0.56"	3 9/16"	1 1/32"		5/32"	CLL-4/0-2-5/16
250 MCM	Yellow	467/16 (2)	62 (2)	#10	3/8	1	1"	0.56"	3 3/4"	3/8"	5/32"	1 1 1/16"	CLL-4/0-2-3/8	
					1/2	1 3/4	1"	3"	0.56"	4 15/16"	1/2"		5/32"	CLL-4/0-2N
					1/4	5/8	1 1/8"	1 3/16"	0.60"	3 17/64"	1/4"		5/32"	CLL-250-2-1/4
					5/16	7/8	1 1/8"	1 5/8"	0.60"	3 45/64"	1 1/32"		5/32"	CLL-250-2-5/16
300 MCM	White	298/17 (4)	66 (2)	#10	3/8	1	1 1/8"	0.60"	3 57/64"	3/8"	5/32"	1 1 3/16"	CLL-250-2-3/8	
					1/2	1 3/4	1 1/8"	3"	0.60"	5 5/64"	1/2"		5/32"	CLL-250-2N
					1/4	5/8	1 3/16"	1 3/16"	0.65"	3 3/8"	1/4"		5/32"	CLL-300-2-1/4
					5/16	7/8	1 3/16"	1 5/8"	0.65"	3 13/16"	1 1/32"		5/32"	CLL-300-2-5/16
350 MCM	Red	324/18 (4)	71H (4)	#10	3/8	1	1 3/16"	0.65"	4"	3/8"	5/32"	1 1 5/16"	CLL-300-2-3/8	
					1/2	1 3/4	1 3/16"	3"	0.65"	5 3/16"	1/2"		5/32"	CLL-300-2N
					1/4	5/8	1 1/2"	1 3/16"	0.70"	4 1/16"	3/8"		3/16"	CLL-350-2-1/4
					5/16	7/8	1 1/2"	1 5/8"	0.70"	4 5/16"	1 1/2"		3/16"	CLL-350-2-5/16
400 MCM	Blue	470/19 (4)	76 (2)	#10	3/8	1	1 3/8"	0.75"	4 7/16"	3/8"	3/16"	2 1/16"	CLL-400-2-3/8	
					1/2	1 3/4	1 3/8"	3"	0.75"	5 1/2"	1/2"		3/16"	CLL-400-2N
450 MCM	Grey	326 (4)	--	#10	1/2	1 3/4	1 15/32"	0.80"	5 3/4"	1/2"	1 3/64"	2 5/16"	CLL-450-2N	
500 MCM	Brown	299/20 (4)	87H (4)	#10	1/2	1 3/4	1 17/32"	0.85"	5 29/32"	1/2"	7/32"	2 1/2"	CLL-500-2N	
600 MCM	Green	472/22 (4)	94H (4)	#10	1/2	1 3/4	1 45/64"	0.92"	6 23/64"	1/2"	5/32"	2 1 1/16"	CLL-600-2N	
700 MCM	Pink	400 (4)	99H (4)	#10	1/2	1 3/4	1 51/64"	0.98"	6 13/16"	1/2"	9/32"	2 3/8"	CLL-700-2N	
750 MCM	Black	300/24 (4)	106H (4)	#10	1/2	1 3/4	1 55/64"	1.02"	6 15/16"	1/2"	9/32"	3"	CLL-750-2N	
800 MCM	Orange	25 (4)	107H (4)	#10	1/2	1 3/4	1 15/16"	1.05"	7 1/32"	1/2"	1 1/32"	3 1/16"	CLL-800-2N	
900 MCM	Yellow	26 (4)	115H (4)	#10	1/2	1 3/4	2 1/32"	1.13"	7 7/32"	1/2"	1 1/32"	3 3/8"	CLL-900-2N	
1000 MCM	White	473/27 (4)	125H (4)	#10	1/2	1 3/4	2 29/64"	1.17"	7 3/32"	1/2"	1 1/32"	3 1/8"	CLL-1000-2N	

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Two-Hole Copper Compression Flex Conductor Lugs –Long Barrel:

Type CLL 2 for cable to flat



Features

- Accommodates #14 to 1000 MCM.
- Tin plated to minimize corrosion.
- Color-coded to indicate wire size.
- Long barrels for double crimping
- Available unplated, or with special plating.
- Available with nonstandard hole spacing.
- Add suffix **-2N** to indicate NEMA spacing (1 $\frac{3}{4}$ " and size ($\frac{1}{2}$ " bolt hole size).

- Add suffix for desired bend. For example, to get the above terminal lug, add suffix **-45** for a 45° bend.

Call to order, or to discuss other options. Use the tables on the following pages for standard lugs. Use the matrix below to specify other options.

Part Numbering Variations Matrix

CLL - 4/0 W - 2 - 3/8 - 1 - 30 - L

Conductor Size

Bolt Size
(omit for blank tongue)

Hole Spacing

Tongue Angle
(omit for straight tongue)

Additional Suffixes:

- L – Sight Hole
- NP – No Plating
- BT – Blank Tongue
- XL – Sight Hole and Longer
- M – Matte Tin
- 2N – NEMA spacing

The example above calls out a two-hole copper compression flex conductor lug with a long barrel, which accommodates a 4/0 conductor and $\frac{3}{8}$ " bolts 1" apart, with a 30° bend and a sight hole.

Connectors – Terminal Lugs

Two-Hole Copper Compression Flex Conductor Lugs—Long Barrel, *continued* Type CLL 2 for cable to flat

Weld - Flex	Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	B	C	D	F	L	N	T	Wire Strip Length	Catalog Number
14 str.–10 str.† G #12 (49/0.0115) I #10 (27/24) K #10 (65/0.010)	None	Y8MRB-1 (2)	ERG200 2 (2)	#10	5/8	1 1/32"	1 1/64"	0.13"	1 15/16"	15/64"	1/16"	1"	CLL-10-W-10
				1/4	5/8	7/16"	1 3/16"	0.13"	2 3/64"	1/4"	1/16"		CLL-10-W-1/4
8 str. G #10 (49/0.0146) G #8 (49/0.0184) H #8 (133/0.0111) I #8 (37/24) K #9 (105/0.010) K #8 (168/0.010)	Red	49 (2)	21 (2)	#10	5/8	3/8"	1 1/64"	0.18"	2 9/32"	15/64"	1/16"	1 1/8"	CLL-8-W-2-10
				1/4	5/8	27/64"	1 3/16"	0.18"	2 9/32"	1/4"	1/16"		CLL-8-W-2-1/4
6 str. G #6 (49/0.0231) H #6 (133/0.0140) I #6 (61/24) K #6 (266/0.010)	Blue	374/7 (2)	24 (2)	#10	5/8	13/32"	1 11/64"	0.22"	2 25/64"	15/64"	5/64"	1 3/16"	CLL-6-W-2-10
				1/4	5/8	27/64"	1 3/16"	0.22"	2 13/32"	1/4"	5/64"		CLL-6-W-2-1/4
				5/16	7/8	1/2"	1 5/8"	0.22"	2 27/32"	1 1/32"	5/64"		CLL-6-W-2-5/16
				3/8	1	17/32"	1 13/16"	0.22"	3 1/2"	3/8"	1/16"		CLL-6-W-2-3/8
5 str. G #5 (49/0.0260) H #5 (133/0.0158) I #5 (91/24)	Blue	374/7 (2)	24 (2)	#10	5/8	29/64"	1 11/64"	0.25"	2 33/64"	15/64"	3/32"	1 1/4"	CLL-5-W-2-10
				1/4	5/8	29/64"	1 3/16"	0.25"	2 17/32"	1/4"	3/32"		CLL-5-W-2-1/4
				5/16	7/8	33/64"	1 5/8"	0.25"	2 31/32"	1 1/32"	3/32"		CLL-5-W-2-5/16
				3/8	1	37/64"	1 13/16"	0.25"	3 5/32"	3/8"	5/64"		CLL-5-W-2-3/8
4 str. G #4 (49/0.0292) H #4 (133/0.0177) K #5 (336/0.010) K #4 (420/0.010)	Grey	346/8 (2)	29 (2)	#10	5/8	1/2"	1 11/64"	0.27"	2 9/16"	15/64"	7/64"	1 3/8"	CLL-4-W-2-10
				1/4	5/8	1/2"	1 3/16"	0.27"	2 37/64"	1/4"	7/64"		CLL-4-W-2-1/4
				5/16	7/8	17/32"	1 5/8"	0.27"	3 1/64"	1 1/32"	3/32"		CLL-4-W-2-5/16
				3/8	1	9/16"	1 13/16"	0.27"	3 13/64"	3/8"	3/32"		CLL-4-W-2-3/8
2 str. G #3 (49/0.0328) H #3 (133/0.0199) I #4 (105/24) I #3 (125/24) K #3 (532/0.010)	Brown	10 (2)	33 (2)	1/4	5/8	5/8"	1 3/16"	0.31"	2 7/8"	1/4"	3/32"	1 1/2"	CLL-2-W-2-1/4
				5/16	7/8	39/64"	1 5/8"	0.31"	3 5/16"	1 1/32"	7/64"		CLL-2-W-2-5/16
				3/8	1	39/64"	1 13/16"	0.31"	3 1/2"	3/8"	7/64"		CLL-2-W-2-3/8

Connectors – Terminal Lugs

Weld - Flex	Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	B	C	D	F	L	N	T	Wire Strip Length	Catalog Number
1 str.† G #2 (49/0.0368) H #2 (133/0.0223) I #2 (150/24) K #2 (665/0.010)	Green	375/11 (2)	37 (2)	¼	⅝	45/64"	1 3/16"	0.36"	2 15/16"	¼"	⅛"	1 9/16"	CLL-2-W-2-1/4
				5/16	7/8	45/64"	1 5/8"	0.36"	3 3/8"	1 1/32"	7/64"		CLL-2-W-2-5/16
				3/8	1	45/64"	1 13/16"	0.36"	3 3/16"	3/8"	⅛"		CLL-2-W-2-3/8
1/0 str. G #1 (133/0.0251) H #1 (259/0.0180) I #1 (225/24) K #1 (836/0.010)	Pink	348/12 (2)	42 (2)	¼	⅝	3/4"	1 3/16"	0.40"	2 31/32"	¼"	⅛"	1 9/16"	CLL-1-W-2-1/4
				5/16	7/8	3/4"	1 5/8"	0.40"	3 13/32"	1 1/32"	⅛"		CLL-1-W-2-5/16
				3/8	1	3/4"	1 13/16"	0.40"	3 19/32"	3/8"	⅛"		CLL-1-W-2-3/8
				½	1 3/4	5 1/64"	3"	0.40"	4 25/32"	½"	7/64"		CLL-1-W-2N
2/0 str. G #1/0 (133/0.0282) H #1/0 (259/0.0202) I #1/0 (275/24) K #1/0 (1064/0.010)	Black	13 (2)	45 (2)	¼	⅝	1 3/16"	1 3/16"	0.44"	3 1/16"	¼"	⅛"	1 5/8"	CLL-1/0-W-2-1/4
				5/16	7/8	1 3/16"	1 5/8"	0.44"	3 1/2"	1 1/32"	⅛"		CLL-1/0-W-2-5/16
				3/8	1	1 3/16"	1 13/16"	0.44"	3 11/16"	3/8"	⅛"		CLL-1/0-W-2-3/8
				½	1 3/4	1 3/16"	3"	0.44"	4 7/8"	½"	⅛"		CLL-1/0-W-2N
3/0 str. G #2/0 (133/0.0316) H #2/0 (259/0.0227) I #2/0 (325/24)	Orange	296/14 (2)	50 (2)	¼	⅝	29/32"	1 3/16"	0.49"	3 1/8"	¼"	⅛"	1 1 1/16"	CLL-2/0-W-2-1/4
				5/16	7/8	29/32"	1 5/8"	0.49"	3 9/16"	1 1/32"	⅛"		CLL-2/0-W-2-5/16
				3/8	1	29/32"	1 13/16"	0.49"	3 3/4"	3/8"	⅛"		CLL-2/0-W-2-3/8
				½	1 3/4	5 7/64"	3"	0.49"	4 15/16"	½"	⅛"		CLL-2/0-W-2N
4/0 str. G #3/0 (133/0.0355) H #3/0 (259/0.0255) I #3/0 (450/24) K #2/0 (1323/0.010)	Purple	297/15 (2)	54 (2)	¼	⅝	1"	1 3/16"	0.56"	3 1/8"	¼"	5/32"	1 1 1/16"	CLL-3/0-W-2-1/4
				5/16	7/8	1"	1 5/8"	0.56"	3 3/16"	1 1/32"	5/32"		CLL-3/0-W-2-5/16
				3/8	1	1"	1 13/16"	0.56"	3 3/4"	3/8"	5/32"		CLL-3/0-W-2-3/8
				½	1 3/4	1"	3"	0.56"	4 15/16"	½"	5/32"		CLL-3/0-W-2N

Connectors

†Standard cable sizes are in bold.

Table continued on next page

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Connectors – Terminal Lugs

Two-Hole Copper Compression Flex Conductor Lugs—Long Barrel, *continued* Type CLL 2 for cable to flat

Weld - Flex	Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	B	C	D	F	L	N	T	Wire Strip Length	Catalog Number
300 MCM† G #4/0 (133/0.0399) H #4/0 (259/0.0286) I #4/0 (550/24) K #3/0 (1666/0.010) K #4/0 (2107/0.010)	White	298/17 (4)	66 (2)	¼	⅝	1 ⅜"	1 ⅜"	0.65"	3 ⅜"	¼"	⅝"	1 ⅝"	CLL-4/0-W-2-1/4
				⅝	⅞	1 ⅜"	1 ⅝"	0.65"	3 ⅜"	1 ½"	⅝"		CLL-4/0-W-2-5/16
				¾	1	1 ⅜"	1 ⅜"	0.65"	4"	¾"	⅝"		CLL-4/0-W-2-3/8
				½	1 ¼	1 ⅜"	3"	0.65"	5 ⅜"	½"	⅝"		CLL-4/0-W-2N
350 MCM G 250 MCM (259/0.0311) H 250 MCM (427/0.0242) I 262.6 MCM (650/24) K 250 MCM (2499/0.010)	Red	324/18 (4)	71H (4)	¾	1	1 ½"	1 ⅜"	0.70"	4 ¼"	¾"	¾"	1 ⅝"	CLL-250-W-2-3/8
				½	1 ¼	1 ½"	3"	0.70"	5 ¼"	½"	¾"		CLL-250-W-2-2N
				¾	1	1 ⅜"	1 ⅜"	0.75"	4 ⅝"	¾"	¾"		CLL-300-W-2-3/8
½	1 ¼	1 ⅜"	3"	0.75"	5 ½"	½"	¾"	CLL-300-W-2N					
400 MCM G 300 MCM (259/0.0340) H 300 MCM (427/0.0265) I 313.1 MCM (775/24) K 262.6 MCM (2615/0.010)	Blue	470/19 (4)	76 (2)	¾	1	1 ⅜"	1 ⅜"	0.75"	4 ⅝"	¾"	¾"	2 ⅞"	CLL-300-W-2-3/8
				½	1 ¼	1 ⅜"	3"	0.75"	5 ½"	½"	¾"		CLL-300-W-2N
450 MCM G 350 MCM (259/0.0368) H 350 MCM (427/0.0286) K 300 MCM (2989/0.010) K 313.1 MCM (3136/0.010)	Grey	326 (4)	--	½	1 ¼	1 ⅝"	3"	0.80"	5 ¾"	½"	1 ⅝"	2 ⅞"	CLL-350-W-2N
500 MCM G 400 MCM (259/0.0393) H 400 MCM (427/0.0306) I 373.7 MCM (925/24) K 350 MCM (3458/0.010) K 373.7 MCM (3737/0.010)	Brown	299/20 (4)	87H (4)	½	1 ¼	1 ⅞"	3"	0.85"	5 ⅞"	½"	⅞"	2 ½"	CLL-400-W-2N

Connectors

Connectors – Terminal Lugs

Weld - Flex	Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	B	C	D	F	L	N	T	Wire Strip Length	Catalog Number
600 MCM† G 450 MCM (259/0.0417) H 450 MCM (427/0.0325) I 444.4 MCM (1100/24) K 400 MCM (3990/0.010)	Green	472/22 (4)	94H (4)	½	1¾	1 4⁄64"	3"	0.92"	6 23⁄64"	½"	9⁄32"	2 1⁄16"	CLL-400-W-2N
700 MCM G 500 MCM (259/0.0439) H 500 MCM (427/0.0342)	Pink	400 (4)	99H (4)	½	1¾	1 51⁄64"	3"	0.98"	6 13⁄16"	½"	9⁄32"	2 7⁄8"	CLL-500-W-2N
750 MCM G 550 MCM (427/0.0359) H 550 MCM (703/0.0280) I 535.3 MCM (1325/24) K 500 MCM (5054/0.010) K 535.3 MCM (5320/0.010)	Black	300/24 (4)	106H (4)	½	1¾	1 55⁄64"	3"	1.02"	6 15⁄16"	½"	9⁄32"	3"	CLL-550-W-2N
800 MCM G 600 MCM (427/0.0375) H 600 MCM (703/0.0292) I 592 MCM (1480/24)	Orange	25 (4)	107H (4)	½	1¾	1 15⁄16"	3"	1.05"	7 1⁄32"	½"	11⁄32"	3 1⁄16"	CLL-600-W-2N
900 MCM G 650 MCM (427/0.0390) G 700 MCM (427/0.0405) H 650 MCM (703/0.0304) H 700 MCM (703/0.0316) I 646.4 MCM (1600/24) K 600 MCM (5985/0.010) K 646.4 MCM (6466/0.010)	Yellow	26 (4)	115H (4)	½	1¾	2 1⁄32"	3"	1.13"	7 3⁄32"	½"	11⁄32"	3 3⁄8"	CLL-700-W-2N

Connectors

†Standard cable sizes are in bold.

Table continued on next page

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Connectors – Terminal Lugs

Two-Hole Copper Compression Flex Conductor Lugs—Long Barrel, *continued* Type CLL 2 for cable to flat

Weld - Flex	Color Code	Burndy* Die (# Crimps)	T&B** Die (# Crimps)	Bolt Size	B	C	D	F	L	N	T	Wire Strip Length	Catalog Number
1000 MCM† G 750 MCM (427/0.0419) H 750 MCM (703/0.0327) I 777.7 MCM (1925/24)	White	473/27 (4)	125H (4)	½	1¾	2¾"	3"	1.17"	7½"	½"	1½"	3⅛"	CLL-750-W-2N

Connectors

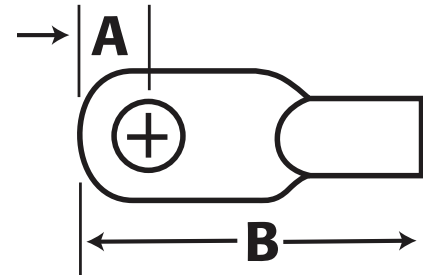
†Standard cable sizes are in bold.

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

One-Hole Copper Compression or Solder Terminal Lugs—Plain Barrel Short

Type S for cable to stud or screw



Features

- Short barrel for installation in minimum space.
- Available with nonstandard holes or undrilled tang.
- Manufactured from high-grade, high-conductivity seamless copper tubing.
- Unplated. Available with tin plating to minimize corrosion; add suffix **-P**.
- Color coded for wire size.

Call to order, or to discuss other options.



CABLE	AMP RATING	BOLT SIZE	A	B	STANDARD CARTON	CATALOG NUMBER
10	25	#8	15/64	15/16	250	S-1
8	35	#10	13/64	1 1/32	200	S-2
6	50	#10	1/4	17/32	200	S-3
4	70	1/4	9/32	1 11/32	125	S-4
2	90	1/4	1 1/32	19/16	100	S-5
1/0	125	1/4	13/16	1 3/4	100	S-6
2/0	150	3/8	7/16	2	100	S-7
3/0	175	3/8	15/32	2 1/8	100	S-8
4/0	225	3/8	17/32	2 3/8	50	S-9
250	250	3/8	5/8	2 3/4	25	S-10
400	325	3/8	3/4	3 3/8	12	S-11
450	362	3/8	13/32	37/16	12	S-12
500	400	3/8	15/16	4 3/16	12	S-13
600	450	3/8	1	47/16	12	S-14

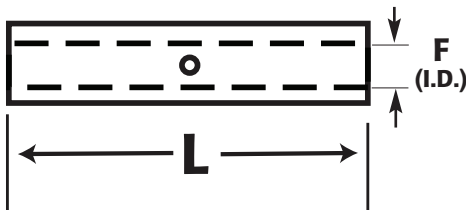
Copper Butt Splices for Copper Cable

Two-Way Compression Connector—Short

Type BS

Features

- Short barrel for installation in minimum space.
- Manufactured from high-grade, high-conductivity seamless copper tubing.
- Tin plated to minimize corrosion. Available unplated.
- Color coded for wire size.
- Overmolded insulation version.



Connectors

Call to order, or to discuss other options. Use the table on the facing page for standard lugs. Use the matrix below to specify other options.

Part Numbering Variations Matrix

BS - 4/0 - NP

Conductor
Size

Additional Suffixes:

NP – No Plating

M – Matte Tin

INS – Overmolded
insulation

The example above calls out a copper butt splice with a short barrel, which accommodates a 4/0 conductor, with no plating.

Connectors – Terminal Lugs

Cable Size	Color Code	Burndy* Die (Crimp/End)	T&B** Die (Crimp/End)	Length	F	Wire Strip Length	Catalog Number
#14–#10 str.	None	Y8MRB-1 (1)	ERG2002 (1)	$\frac{3}{4}$	0.13"	$\frac{3}{8}$ "	BS-10
#8 str.	Red	49 (1)	21 (1)	1	0.18"	$\frac{1}{2}$ "	BS-8
#6 str.	Blue	374/7 (1)	24 (1)	1	0.22"	$\frac{1}{2}$ "	BS-6
#5 str.	Blue	374/7 (1)	24 (1)	1	0.25"	$\frac{1}{2}$ "	BS-5
#4 str.	Grey	346/8 (1)	29 (1)	1	0.27"	$\frac{1}{2}$ "	BS-4
#3 str.	White	9 (1)	33 (1)	1 $\frac{1}{4}$	0.28"	$\frac{5}{8}$ "	BS-3
#2 str.	Brown	10 (1)	33 (1)	1 $\frac{1}{4}$	0.31"	$\frac{5}{8}$ "	BS-2
#1 str.	Green	375/11 (1)	37 (1)	1 $\frac{7}{16}$	0.36"	$\frac{23}{32}$ "	BS-1
1/0 str.	Pink	348/12 (1)	42 (1)	1 $\frac{7}{16}$	0.40"	$\frac{23}{32}$ "	BS-1/0
2/0 str.	Black	13 (1)	45 (1)	1 $\frac{9}{16}$	0.44"	$\frac{25}{32}$ "	BS-2/0
3/0 str.	Orange	296/14 (1)	50 (1)	1 $\frac{11}{16}$	0.49"	$\frac{27}{32}$ "	BS-3/0
4/0 str.	Purple	297/15 (1)	54 (1)	1 $\frac{13}{16}$	0.56"	$\frac{29}{32}$ "	BS-4/0
250 MCM	Yellow	467/16 (1)	62 (1)	2 $\frac{3}{16}$	0.60"	1 $\frac{3}{32}$ "	BS-250
300 MCM	White	298/17 (2)	66 (1)	2 $\frac{3}{16}$	0.65"	1 $\frac{3}{32}$ "	BS-300
350 MCM	Red	324/18 (2)	71H (2)	2 $\frac{3}{16}$	0.70"	1 $\frac{3}{32}$ "	BS-350
400 MCM	Blue	470/19 (2)	76 (1)	2 $\frac{3}{4}$	0.75"	1 $\frac{3}{8}$ "	BS-400
450 MCM	Grey	326 (2)	--	2 $\frac{3}{4}$	0.80"	1 $\frac{3}{8}$ "	BS-450
500 MCM	Brown	299/20 (2)	87H (2)	2 $\frac{3}{4}$	0.85"	1 $\frac{3}{8}$ "	BS-500
600 MCM	Green	472/22 (2)	94H (2)	3	0.92"	1 $\frac{1}{2}$ "	BS-600
700 MCM	Pink	400 (2)	99H (2)	3 $\frac{1}{4}$	0.98"	1 $\frac{5}{8}$ "	BS-700
750 MCM	Black	300/24 (2)	106H (2)	3 $\frac{1}{2}$	1.02"	1 $\frac{3}{4}$ "	BS-750
800 MCM	Orange	25 (2)	107H (2)	3 $\frac{3}{4}$	1.05"	1 $\frac{7}{8}$ "	BS-800
900 MCM	Yellow	26 (2)	115H (2)	3 $\frac{7}{8}$	1.13"	1 $\frac{9}{16}$ "	BS-900
1000 MCM	White	473/27 (2)	125H (2)	4	1.17"	2"	BS-1000

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

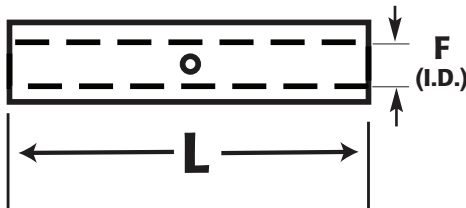
Copper Butt Splices for Copper Cable

Two-Way Flex Conductor Connector—Short

Type BS

Features

- Short barrel for installation in minimum space.
- Manufactured from high-grade, high-conductivity seamless copper tubing.
- Tin plated to minimize corrosion. Available unplated.
- Color coded for wire size.
- Overmolded insulation version.



Connectors

Call to order, or to discuss other options. Use the table on the facing page for standard lugs. Use the matrix below to specify other options.

Part Numbering Variations Matrix

BS - 4/0 - W - NP

Conductor
Size

Additional Suffixes:
NP – No Plating
M – Matte Tin
INS – Overmolded
insulation

The example above calls out a copper butt splice with a short barrel, which accommodates a 4/0 conductor, with no plating.

Connectors – Terminal Lugs

Weld - Flex	Color Code	Burndy* Die (Crimp/End)	T&B** Die (Crimp/End)	Length	F	Wire Strip Length	Catalog Number
#14–#10 str.† G #12 (49/0.0115) I #10 (27/24) K #10 (65/0.010)	None	Y8MRB-1 (1)	ERG2002 (1)	$\frac{3}{4}$	0.13"	$\frac{3}{8}$ "	BS-10-W
#8 str. G #10 (49/0.0146) G #8 (49/0.0184) H #8 (133/0.0111) I #8 (37/24) K #9 (105/0.010) K #8 (168/0.010)	Red	49 (1)	21 (1)	1	0.18"	$\frac{1}{2}$ "	BS-8-W
#6 str. G #6 (49/0.0231) H #6 (133/0.0140) I #6 (61/24) K #6 (266/0.010)	Blue	374/7 (1)	24 (1)	1	0.22"	$\frac{1}{2}$ "	BS-6-W
#5 str. G #5 (49/0.0260) H #5 (133/0.0158) I #5 (91/24)	Blue	374/7 (1)	24 (1)	1	0.25"	$\frac{1}{2}$ "	BS-5-W
#4 str. G #4 (49/0.0292) H #4 (133/0.0177) K #5 (336/0.010) K #4 (420/0.010)	Grey	346/8 (1)	29 (1)	1	0.27"	$\frac{1}{2}$ "	BS-4-W
#2 str. I #4 (105/24) G #3 (49/0.0328) H #3 (133/0.0199) I #3 (125/24) K #3 (532/0.010)	Brown	10 (1)	33 (1)	$1\frac{1}{4}$	0.31"	$\frac{5}{8}$ "	BS-3-W
#1 str. G #2 (49/0.0368) H #2 (133/0.0223) I #2 (150/24) K #2 (665/0.010)	Green	375/11 (1)	37 (1)	$1\frac{1}{6}$	0.36"	$2\frac{3}{32}$ "	BS-2-W
1/0 str. G #1 (133/0.0251) H #1 (259/0.0180) I #1 (225/24) K #1 (836/0.010)	Pink	348/12 (1)	42 (1)	$1\frac{1}{6}$	0.40"	$2\frac{3}{32}$ "	BS-1-W

†Standard cable sizes are in bold.

Table continued on next page

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Connectors – Terminal Lugs

Copper Butt Splices for Copper Cable Two-Way Flex Conductor Connector—Short, *continued* Type BS

Weld - Flex	Color Code	Burndy* Die (Crimp/End)	T&B** Die (Crimp/End)	Length	F	Wire Strip Length	Catalog Number
2/0 str.† G #1/0 (133/0.0282) H #1/0 (259/0.0202) I #1/0 (275/24) K #1/0 (1064/0.010)	Black	13 (1)	45 (1)	1 ¹ / ₆	0.44"	2 ⁵ / ₃₂ "	BS-1/0-W
3/0 str. G #2/0 (133/0.0316) H #2/0 (259/0.0227) I #2/0 (325/24)	Orange	296/14 (1)	50 (1)	1 ¹¹ / ₁₆	0.49"	2 ⁷ / ₃₂ "	BS-2/0-W
4/0 str. G #3/0 (133/0.0355) H #3/0 (259/0.0255) I #3/0 (450/24) K #2/0 (1323/0.010)	Purple	297/15 (1)	54 (1)	1 ¹³ / ₁₆	0.56"	2 ⁹ / ₃₂ "	BS-3/0-W
300 MCM G #4/0 (133/0.0399) H #4/0 (259/0.0286) I #4/0 (550/24) K #3/0 (1666/0.010) K #4/0 (2107/0.010)	White	298/17 (2)	66 (1)	2 ³ / ₁₆	0.65"	1 ³ / ₃₂ "	BS-4/0-W
350 MCM G 250 MCM (259/0.0311) H 250 MCM (427/0.0242) I 262.6 MCM (650/24) K 250 MCM (2499/0.010)	Red	324/18 (2)	71H (2)	2 ³ / ₁₆	0.70"	1 ³ / ₃₂ "	BS-250-W
400 MCM G 300 MCM (259/0.0340) H 300 MCM (427/0.0265) I 313.1 MCM (775/24) K 262.6 MCM (2615/0.010)	Blue	470/19 (2)	76 (1)	2 ³ / ₄	0.75"	1 ³ / ₈ "	BS-300-W
450 MCM G 350 MCM (259/0.0368) H 350 MCM (427/0.0286) K 300 MCM (2989/0.010) K 313.1 MCM (3136/0.010)	Grey	326 (2)	--	2 ³ / ₄	0.80"	1 ³ / ₈ "	BS-350-W
500 MCM G 400 MCM (259/0.0393) H 400 MCM (427/0.0306) I 373.7 MCM (925/24) K 350 MCM (3458/0.010) K 373.7 MCM (3737/0.010)	Brown	299/20 (2)	87H (2)	2 ³ / ₄	0.85"	1 ³ / ₈ "	BS-400-W

Connectors

Weld - Flex	Color Code	Burndy* Die (Crimp/End)	T&B** Die (Crimp/End)	Length	F	Wire Strip Length	Catalog Number
600 MCM[†] G 450 MCM (259/0.0417) H 450 MCM (427/0.0325) I 444.4 MCM (1100/24) K 400 MCM (3990/0.010)	Green	472/22 (2)	94H (2)	3	0.92"	1½"	BS-450-W
700 MCM G 500 MCM (259/0.0439) H 500 MCM (427/0.0342)	Pink	400 (2)	99H (2)	3¼	0.98"	1⅝"	BS-500-W
750 MCM G 550 MCM (427/0.0359) H 550 MCM (703/0.0280) I 535.3 MCM (1325/24) K 500 MCM (5054/0.010) K 535.3 MCM (5320/0.010)	Black	300/24 (2)	106H (2)	3½	1.02"	1¾"	BS-550-W
800 MCM G 600 MCM (427/0.0375) H 600 MCM (703/0.0292) I 592 MCM (1480/24)	Orange	25 (2)	107H (2)	3¾	1.05"	1⅞"	BS-600-W
900 MCM G 650 MCM (427/0.0390) G 700 MCM (427/0.0405) H 650 MCM (703/0.0304) H 700 MCM (703/0.0316) I 646.4 MCM (1600/24) K 600 MCM (5985/0.010) K 646.4 MCM (6466/0.010)	Yellow	26 (2)	115H (2)	3⅞	1.13"	1⅝⅞"	BS-700-W
1000 MCM G 750 MCM (427/0.0419) H 750 MCM (703/0.0327) I 777.7 MCM (1925/24)	White	473/27 (2)	125H (2)	4	1.17"	2"	BS-750-W

[†]Standard cable sizes are in bold.

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

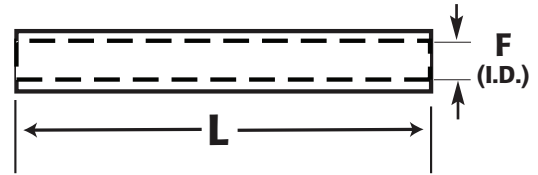
Copper Butt Splices for Copper Cable Two-Way Compression Connector—Long

Type BSL



Features

- Long barrel for double crimp.
- Manufactured from high-grade, high-conductivity seamless copper tubing.
- Tin plated to minimize corrosion.
- Color coded for wire size.
- Add suffix **-INS** to indicate overmolded insulation version.



Call to order, or to discuss other options. Use the table on the facing page for standard lugs. Use the matrix below to specify other options.

Connectors

Part Numbering Variations Matrix

BSL - 4/0 - NP

Conductor
Size

Additional Suffixes:

NP – No Plating

M – Matte Tin

*INS – Overmolded
insulation*

The example above calls out a copper butt splice with a long barrel, which accommodates a 4/0 conductor, with no plating.

Connectors – Terminal Lugs

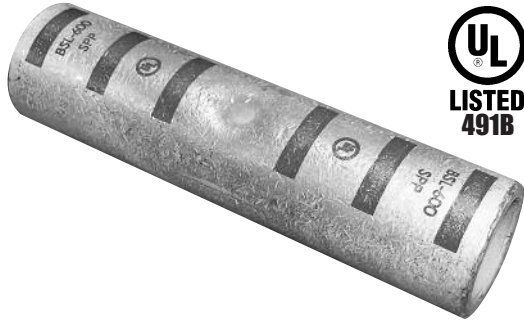
Cable Size	Color Code	Burndy* Die (Crimp/End)	T&B** Die (Crimp/End)	Length	F	Wire Strip Length	Catalog Number
#14–#10 str.	None	Y8MRB-1 (2)	ERG2002 (2)	1½	0.13"	¾"	BSL-10
#8 str.	Red	49 (2)	21 (2)	1¾	0.18"	⅞"	BSL-8
#6 str.	Blue	374/7 (2)	24 (2)	1¾	0.22"	⅞"	BSL-6
#5 str.	Blue	374/7 (2)	24 (2)	1¾	0.25"	⅞"	BSL-5
#4 str.	Grey	346/8 (2)	29 (2)	1¾	0.27"	⅞"	BSL-4
#3 str.	White	9 (2)	33 (2)	1⅞	0.28"	1⅝"	BSL-3
#2 str.	Brown	10 (2)	33 (2)	1⅞	0.31"	1⅝"	BSL-2
#1 str.	Green	375/11 (2)	37 (2)	2	0.36"	1"	BSL-1
1/0 str.	Pink	348/12 (2)	42 (2)	2	0.40"	1"	BSL-1/0
2/0 str.	Black	13 (2)	45 (2)	2⅞	0.44"	1⅙"	BSL-2/0
3/0 str.	Orange	296/14 (2)	50 (2)	2¼	0.49"	1⅙"	BSL-3/0
4/0 str.	Purple	297/15 (2)	54 (2)	2¾	0.56"	1⅜"	BSL-4/0
250 MCM	Yellow	467/16 (2)	62 (2)	3⅜	0.60"	1⅙"	BSL-250
300 MCM	White	298/17 (2)	66 (2)	3⅞	0.65"	1⅝"	BSL-300
350 MCM	Red	324/18 (2)	71H (4)	3⅙	0.70"	1⅝"	BSL-350
400 MCM	Blue	470/19 (2)	76 (2)	3⅙	0.75"	1⅝"	BSL-400
450 MCM	Grey	326 (3)	--	4½	0.80"	2¼"	BSL-450
500 MCM	Brown	299/20 (3)	87H (4)	4⅙	0.85"	2⅙"	BSL-500
600 MCM	Green	472/22 (3)	94H (4)	4⅙	0.92"	2⅙"	BSL-600
700 MCM	Pink	400 (3)	99H (4)	4⅙	0.98"	2⅙"	BSL-700
750 MCM	Black	300/24 (3)	106H (4)	4¾	1.02"	2⅝"	BSL-750
800 MCM	Orange	25 (3)	107H (4)	5½	1.05"	2¾"	BSL-800
900 MCM	Yellow	26 (3)	115H (4)	5⅞	1.13"	2⅝"	BSL-900
1000 MCM	White	473/27 (3)	125H (4)	5⅞	1.17"	2⅝"	BSL-1000

Connectors

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

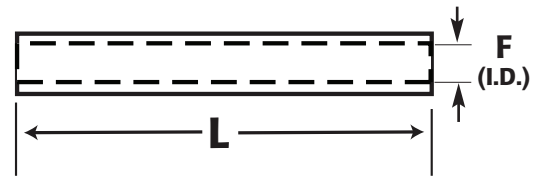
**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Copper Butt Splices for Copper Cable Two-Way Flex Conductor Connector—Long Type BSL



Features

- Long barrel for double crimp.
- Manufactured from high-grade, high-conductivity seamless copper tubing.
- Tin plated to minimize corrosion.
- Color coded for wire size.
- Add suffix **-INS** to indicate overmolded insulation version.



Call to order, or to discuss other options. Use the table on the facing page for standard lugs. Use the matrix below to specify other options.

Connectors

Part Numbering Variations Matrix

BSL - 4/0 - W NP

Conductor
Size

Additional Suffixes:

NP – No Plating

M – Matte Tin

*INS – Overmolded
insulation*

The example above calls out a copper butt splice with a long barrel, which accommodates a 4/0 conductor, with no plating.

Connectors – Terminal Lugs

Cable Size	Color Code	Burndy* Die (Crimp/End)	T&B** Die (Crimp/End)	Length	F	Wire Strip Length	Catalog Number
#14–#10 str.† G #12 (49/0.0115) I #10 (27/24) K #10 (65/0.010)	None	Y8MRB-1 (2)	ERG2002 (2)	1½	0.13"	¾"	BSL-10-W
#8 str. G #10 (49/0.0146) G #8 (49/0.0184) H #8 (133/0.0111) I #8 (37/24) K #9 (105/0.010) K #8 (168/0.010)	Red	49 (2)	21 (2)	1¾	0.18"	⅞"	BSL-8-W
#6 str. G #6 (49/0.0231) H #6 (133/0.0140) I #6 (61/24) K #6 (266/0.010)	Blue	374/7 (2)	24 (2)	1¾	0.22"	⅞"	BSL-6-W
#5 str. G #5 (49/0.0260) H #5 (133/0.0158) I #5 (91/24)	Blue	374/7 (2)	24 (2)	1¾	0.25"	⅞"	BSL-5-W
#4 str. G #4 (49/0.0292) H #4 (133/0.0177) K #5 (336/0.010) K #4 (420/0.010)	Grey	346/8 (2)	29 (2)	1¾	0.27"	⅞"	BSL-4-W
#2 str. I #4 (105/24) G #3 (49/0.0328) H #3 (133/0.0199) I #3 (125/24) K #3 (532/0.010)	Brown	10 (2)	33 (2)	1⅞	0.31"	1⅝"	BSL-3-W
#1 str. G #2 (49/0.0368) H #2 (133/0.0223) I #2 (150/24) K #2 (665/0.010)	Green	375/11 (2)	37 (2)	2	0.36"	1"	BSL-2-W
1/0 str. G #1 (133/0.0251) H #1 (259/0.0180) I #1 (225/24) K #1 (836/0.010)	Pink	348/12 (2)	42 (2)	2	0.40"	1"	BSL-1-W

†Standard cable sizes are in bold.

Table continued on next page

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Connectors – Terminal Lugs

Copper Butt Splices for Copper Cable Two-Way Flex Conductor Connector—Long, *continued* Type BSL

Cable Size	Color Code	Burndy* Die (Crimp/End)	T&B** Die (Crimp/End)	Length	F	Wire Strip Length	Catalog Number
2/0 str.† G #1/0 (133/0.0282) H #1/0 (259/0.0202) I #1/0 (275/24) K #1/0 (1064/0.010)	Black	13 (2)	45 (2)	2 $\frac{1}{8}$ "	0.44"	1 $\frac{1}{8}$ "	BSL-1/0-W
3/0 str. G #2/0 (133/0.0316) H #2/0 (259/0.0227) I #2/0 (325/24)	Orange	296/14 (2)	50 (2)	2 $\frac{1}{4}$ "	0.49"	1 $\frac{1}{8}$ "	BSL-2/0-W
4/0 str. G #3/0 (133/0.0355) H #3/0 (259/0.0255) I #3/0 (450/24) K #2/0 (1323/0.010)	Purple	297/15 (2)	54 (2)	2 $\frac{3}{4}$ "	0.56"	1 $\frac{3}{8}$ "	BSL-3/0-W
300 MCM G #4/0 (133/0.0399) H #4/0 (259/0.0286) I #4/0 (550/24) K #3/0 (1666/0.010) K #4/0 (2107/0.010)	White	298/17 (2)	66 (2)	3 $\frac{7}{16}$ "	0.65"	1 $\frac{23}{32}$ "	BSL-4/0-W
350 MCM G 250 MCM (259/0.0311) H 250 MCM (427/0.0242) I 262.6 MCM (650/24) K 250 MCM (2499/0.010)	Red	324/18 (2)	71H (4)	3 $\frac{11}{16}$ "	0.70"	1 $\frac{27}{32}$ "	BSL-250-W
400 MCM G 300 MCM (259/0.0340) H 300 MCM (427/0.0265) I 313.1 MCM (775/24) K 262.6 MCM (2615/0.010)	Blue	470/19 (2)	76 (2)	3 $\frac{11}{16}$ "	0.75"	1 $\frac{27}{32}$ "	BSL-300-W
450 MCM G 300 MCM (259/0.0340) H 300 MCM (427/0.0265) I 313.1 MCM (775/24) K 262.6 MCM (2615/0.010)	Grey	326 (3)	--	4 $\frac{1}{2}$ "	0.80"	2 $\frac{1}{4}$ "	BSL-350-W
500 MCM G 400 MCM (259/0.0393) H 400 MCM (427/0.0306) I 373.7 MCM (925/24) K 350 MCM (3458/0.010) K 373.7 MCM (3737/0.010)	Brown	299/20 (3)	87H (4)	4 $\frac{11}{16}$ "	0.85"	2 $\frac{11}{32}$ "	BSL-400-W

Connectors

Cable Size	Color Code	Burndy* Die (Crimp/End)	T&B** Die (Crimp/End)	Length	F	Wire Strip Length	Catalog Number
600 MCM† G 450 MCM (259/0.0417) H 450 MCM (427/0.0325) I 444.4 MCM (1100/24) K 400 MCM (3990/0.010)	Green	472/22 (3)	94H (4)	4 ¹¹ / ₁₆	0.92"	2 ¹¹ / ₃₂ "	BSL-450-W
700 MCM G 500 MCM (259/0.0439) H 500 MCM (427/0.0342)	Pink	400 (3)	99H (4)	4 ¹¹ / ₁₆	0.98"	2 ¹¹ / ₃₂ "	BSL-500-W
750 MCM G 550 MCM (427/0.0359) H 550 MCM (703/0.0280) I 535.3 MCM (1325/24) K 500 MCM (5054/0.010) K 535.3 MCM (5320/0.010)	Black	300/24 (3)	106H (4)	4 ³ / ₄	1.02"	2 ³ / ₈ "	BSL-550-W
800 MCM G 600 MCM (427/0.0375) H 600 MCM (703/0.0292) I 592 MCM (1480/24)	Orange	25 (3)	107H (4)	5 ¹ / ₂	1.05"	2 ³ / ₄ "	BSL-600-W
900 MCM G 650 MCM (427/0.0390) G 700 MCM (427/0.0405) H 650 MCM (703/0.0304) H 700 MCM (703/0.0316) I 646.4 MCM (1600/24) K 600 MCM (5985/0.010) K 646.4 MCM (6466/0.010)	Yellow	26 (3)	115H (4)	5 ⁵ / ₁₆	1.13"	2 ¹³ / ₁₆ "	BSL-700-W
1000 MCM G 750 MCM (427/0.0419) H 750 MCM (703/0.0327) I 777.7 MCM (1925/24)	White	473/27 (3)	125H (4)	5 ⁵ / ₁₆	1.17"	2 ¹³ / ₁₆ "	BSL-750-W

†Standard cable sizes are in bold.

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

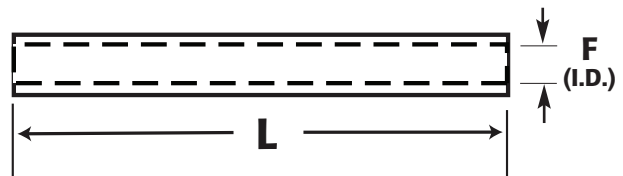
Copper Butt Splices for Copper Cable Two-Way Compression Connector—Extra Long

Type BSL-L



Features

- Extra-long barrel for double crimp.
- Manufactured from high-grade, high-conductivity seamless copper tubing.
- Tin plated to minimize corrosion.
- Color coded for wire size.
- Add suffix **-INS** to indicate overmolded insulation version.



Call to order, or to discuss other options. Use the table on the facing page for standard lugs. Use the matrix below to specify other options.

Connectors

Part Numbering Variations Matrix

BSL - 4/0 - L - NP

Conductor Size

Additional Suffixes:
 NP – No Plating
 M – Matte Tin
 INS – Overmolded insulation

The example above calls out a copper butt splice with an extra-long barrel, which accommodates a 4/0 conductor, with no plating.

Cable Size	Color Code	Burndy* Die (Crimp/End)	T&B** Die (Crimp/End)	Length	F	Wire Strip Length	Catalog Number
#14–#10 str.	None	Y8MRB-1 (2)	ERG2002 (2)	1 ¾"	0.13"	¾"	BSL-10-L
#8 str.	Red	49 (2)	21 (2)	2 ¼"	0.18"	1 ½"	BSL-8-L
#6 str.	Blue	374/7 (2)	24 (2)	2 ¾"	0.22"	1 ¾"	BSL-6-L
#5 str.	Blue	374/7 (2)	24 (2)	2 ⅝"	0.25"	1 ½"	BSL-5-L
#4 str.	Grey	346/8 (2)	29 (2)	2 ⅞"	0.27"	1 ½"	BSL-4-L
#3 str.	White	9 (2)	33 (2)	2 ⅞"	0.28"	1 ½"	BSL-3-L
#2 str.	Brown	10 (2)	33 (2)	3 ⅛"	0.31"	1 ⅞"	BSL-2-L
#1 str.	Green	375/11 (2)	37 (2)	3 ⅛"	0.36"	1 ⅞"	BSL-1-L
1/0 str.	Pink	348/12 (2)	42 (2)	3 ⅛"	0.40"	1 ⅞"	BSL-1/0-L
2/0 str.	Black	13 (2)	45 (2)	3 ⅝"	0.44"	1 ⅞"	BSL-2/0-L
3/0 str.	Orange	296/14 (2)	50 (2)	3 ⅝"	0.49"	1 ⅞"	BSL-3/0-L
4/0 str.	Purple	297/15 (2)	54 (2)	3 ⅝"	0.56"	1 ⅞"	BSL-4/0-L
250 MCM	Yellow	467/16 (2)	62 (2)	3 ⅞"	0.60"	1 ⅞"	BSL-250-L
300 MCM	White	298/17 (4)	66 (2)	4 ⅞"	0.65"	2 ⅞"	BSL-300-L
350 MCM	Red	324/18 (4)	71H (4)	4 ⅞"	0.70"	2 ⅞"	BSL-350-L
400 MCM	Blue	470/19 (4)	76 (2)	4 ⅞"	0.75"	2 ⅞"	BSL-400-L
450 MCM	Grey	326 (4)	--	4 ¾"	0.80"	2 ⅞"	BSL-450-L
500 MCM	Brown	299/20 (4)	87H (4)	4 ¾"	0.85"	2 ⅞"	BSL-500-L
600 MCM	Green	472/22 (4)	94H (4)	5 ⅞"	0.92"	2 ⅞"	BSL-600-L
700 MCM	Pink	400 (4)	99H (4)	6"	0.98"	3"	BSL-700-L
750 MCM	Black	300/24 (4)	106H (4)	6 ⅞"	1.02"	3 ⅞"	BSL-750-L
800 MCM	Orange	25 (4)	107H (4)	6 ⅞"	1.05"	3 ⅞"	BSL-800-L
900 MCM	Yellow	26 (4)	115H (4)	6 ⅞"	1.13"	3 ⅞"	BSL-900-L
1000 MCM	White	473/27 (4)	125H (4)	7"	1.17"	3 ½"	BSL-1000-L

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Copper Butt Splices for Copper Cable

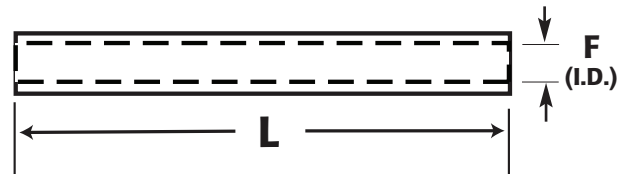
Two-Way Flex Conductor Connector—Extra Long

Type BSL-L



Features

- Extra-long barrel for double crimp.
- Manufactured from high-grade, high-conductivity seamless copper tubing.
- Tin plated to minimize corrosion.
- Color coded for wire size.
- Add suffix **-INS** to indicate overmolded insulation version.



Call to order, or to discuss other options. Use the table on the facing page for standard lugs. Use the matrix below to specify other options.

Connectors

Part Numbering Variations Matrix

BSL - 4/0 - W - L - NP

Conductor Size

Additional Suffixes:
 NP – No Plating
 M – Matte Tin
 INS – Overmolded insulation

The example above calls out a copper butt splice with an extra-long barrel, which accommodates a 4/0 conductor, with no plating.

Cable Size	Color Code	Burndy* Die (Crimp/End)	T&B** Die (Crimp/End)	Length	F	Wire Strip Length	Catalog Number
#14–#10 str.† G #12 (49/0.0115) I #10 (27/24) K #10 (65/0.010)	None	Y8MRB-1 (2)	ERG2002 (2)	1¾"	0.13"	⅞"	BSL-10-W-L
#8 str. G #10 (49/0.0146) G #8 (49/0.0184) H #8 (133/0.0111) I #8 (37/24) K #9 (105/0.010) K #8 (168/0.010)	Red	49 (2)	21 (2)	2¼"	0.18"	1½"	BSL-8-W-L
#6 str. G #6 (49/0.0231) H #6 (133/0.0140) I #6 (61/24) K #6 (266/0.010)	Blue	374/7 (2)	24 (2)	2⅝"	0.22"	1⅜"	BSL-6-W-L
#5 str. G #5 (49/0.0260) H #5 (133/0.0158) I #5 (91/24)	Blue	374/7 (2)	24 (2)	2⅝"	0.25"	1½"	BSL-5-W-L
#4 str. G #4 (49/0.0292) H #4 (133/0.0177) K #5 (336/0.010) K #4 (420/0.010)	Grey	346/8 (2)	29 (2)	2⅝"	0.27"	1⅜"	BSL-4-W-L
#2 str. I #4 (105/24) G #3 (49/0.0328) H #3 (133/0.0199) I #3 (125/24) K #3 (532/0.010)	Brown	10 (2)	33 (2)	3⅙"	0.31"	1⅞"	BSL-3-W-L
#1 str. G #2 (49/0.0368) H #2 (133/0.0223) I #2 (150/24) K #2 (665/0.010)	Green	375/11 (2)	37 (2)	3⅙"	0.36"	1⅞"	BSL-2-W-L
1/0 str. G #1 (133/0.0251) H #1 (259/0.0180) I #1 (225/24) K #1 (836/0.010)	Pink	348/12 (2)	42 (2)	3⅙"	0.40"	1⅞"	BSL-1-W-L

†Standard cable sizes are in bold.

Table continued on next page

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Connectors – Terminal Lugs

Copper Butt Splices for Copper Cable Two-Way Flex Conductor Connector—Extra Long, *continued* Type BSL

Cable Size	Color Code	Burndy* Die (Crimp/End)	T&B** Die (Crimp/End)	Length	F	Wire Strip Length	Catalog Number
2/0 str. G #1/0 (133/0.0282) H #1/0 (259/0.0202) I #1/0 (275/24) K #1/0 (1064/0.010)	Black	13 (2)	45 (2)	3 ⁵ / ₁₆	0.44"	1 ² / ₃₂ "	BSL-1/0-W-L
3/0 str. G #2/0 (133/0.0316) H #2/0 (259/0.0227) I #2/0 (325/24)	Orange	296/14 (2)	50 (2)	3 ⁵ / ₁₆	0.49"	1 ² / ₃₂ "	BSL-2/0-W-L
4/0 str. G #3/0 (133/0.0355) H #3/0 (259/0.0255) I #3/0 (450/24) K #2/0 (1323/0.010)	Purple	297/15 (2)	54 (2)	3 ⁵ / ₁₆	0.56"	1 ²⁵ / ₃₂ "	BSL-3/0-W-L
300 MCM G #4/0 (133/0.0399) H #4/0 (259/0.0286) I #4/0 (550/24) K #3/0 (1666/0.010) K #4/0 (2107/0.010)	White	298/17 (4)	66 (2)	4 ¹ / ₂	0.65"	2 ³ / ₁₆ "	BSL-4/0-W-L
350 MCM G 250 MCM (259/0.0311) H 250 MCM (427/0.0242) I 262.6 MCM (650/24) K 250 MCM (2499/0.010)	Red	324/18 (4)	71H (4)	4 ¹ / ₂	0.70"	2 ³ / ₁₆ "	BSL-250-W-L
400 MCM G 300 MCM (259/0.0340) H 300 MCM (427/0.0265) I 313.1 MCM (775/24) K 262.6 MCM (2615/0.010)	Blue	470/19 (4)	76 (2)	4 ⁵ / ₈	0.75"	2 ⁵ / ₁₆ "	BSL-300-W-L
450 MCM G 350 MCM (259/0.0368) H 350 MCM (427/0.0286) K 300 MCM (2989/0.010) K 313.1 MCM (3136/0.010)	Grey	326 (4)	--	4 ³ / ₄	0.80"	2 ³ / ₈ "	BSL-350-W-L
500 MCM G 400 MCM (259/0.0393) H 400 MCM (427/0.0306) I 373.7 MCM (925/24) K 350 MCM (3458/0.010) K 373.7 MCM (3737/0.010)	Brown	299/20 (4)	87H (4)	4 ²⁹ / ₃₂	0.85"	2 ¹⁵ / ₃₂ "	BSL-400-W-L

Connectors

Cable Size	Color Code	Burndy* Die (Crimp/End)	T&B** Die (Crimp/End)	Length	F	Wire Strip Length	Catalog Number
600 MCM G 450 MCM (259/0.0417) H 450 MCM (427/0.0325) I 444.4 MCM (1100/24) K 400 MCM (3990/0.010)	Green	472/22 (4)	94H (4)	5 $\frac{7}{8}$	0.92"	2 $\frac{15}{16}$ "	BSL-450-W-L
700 MCM G 500 MCM (259/0.0439) H 500 MCM (427/0.0342)	Pink	400 (4)	99H (4)	6	0.98"	3"	BSL-500-W-L
750 MCM G 550 MCM (427/0.0359) H 550 MCM (703/0.0280) I 535.3 MCM (1325/24) K 500 MCM (5054/0.010) K 535.3 MCM (5320/0.010)	Black	300/24 (4)	106H (4)	6 $\frac{5}{8}$	1.02"	3 $\frac{3}{8}$ "	BSL-550-W-L
800 MCM G 600 MCM (427/0.0375) H 600 MCM (703/0.0292) I 592 MCM (1480/24)	Orange	25 (4)	107H (4)	6 $\frac{5}{8}$	1.05"	3 $\frac{5}{8}$ "	BSL-600-W-L
900 MCM G 650 MCM (427/0.0390) G 700 MCM (427/0.0405) H 650 MCM (703/0.0304) H 700 MCM (703/0.0316) I 646.4 MCM (1600/24) K 600 MCM (5985/0.010) K 646.4 MCM (6466/0.010)	Yellow	26 (4)	115H (4)	6 $\frac{5}{8}$	1.13"	3 $\frac{3}{8}$ "	BSL-700-W-L
1000 MCM G 750 MCM (427/0.0419) H 750 MCM (703/0.0327) I 777.7 MCM (1925/24)	White	473/27 (4)	125H (4)	7	1.17"	3 $\frac{1}{2}$ "	BSL-750-W-L

†Standard cable sizes are in bold.

*Burndy Type Y-750 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

**Thomas and Betts TBM-14 Hydraulic Crimp Tool for use with Color Code Dies listed on this chart

Solid Grounding Connectors

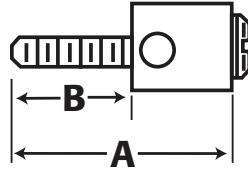
Type SG

Features

- Useful in limited space or where a single grounding connector is required.
- Both types may be tin plated for corrosion resistance and for aluminum wire.

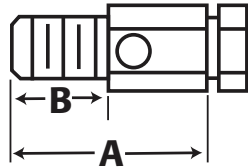
Connectors

Round Brass Body Steel Screw



WIRE RANGE		SCREW TYPE	A	B	STUD SIZE	CATALOG NUMBER
MINIMUM	MAXIMUM					
14 sol.	8 str.	slotted	1"	½"	¼ - 28	SG-1
14 sol.	4 str.	slotted	1¼"	¾"	⅝ ₁₆ - 24	SG-2
6 sol.	1/0 str.	socket	1⅞"	1"	½ - 20	SG-3
2/0 str.	250 MCM	socket	2¼"	1"	⅝ - 18	SG-4

Hex Bronze Body Brass Screw



WIRE RANGE		SCREW TYPE	A	B	STUD SIZE	CATALOG NUMBER
MINIMUM	MAXIMUM					
14 sol.	8 str.	hex	⅞"	⅜"	⅜ - 16	SG-21
14 sol.	4 str.	hex	1"	½"	½ - 13	SG-22
6 sol.	1/0 str.	hex	1½"	½"	½ - 13	SG-23
2/0 str.	250 MCM	hex	1¾"	⅝"	⅝ - 11	SG-24

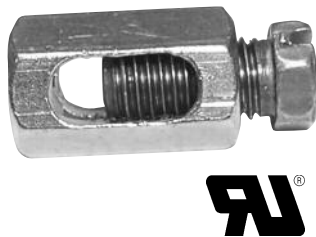
Service Entrance Connectors

Type SE

Features

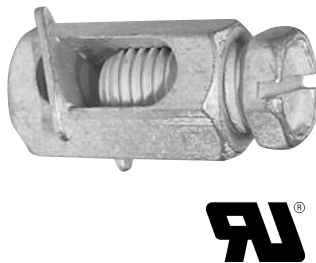
- Low-cost service connector for making connection between service drop conductors and entrance leads.
- DURIMUM silicon bronze screw tightened with pliers or screwdriver provides low-resistance joint.

Unplated for Copper



MAXIMUM WIRE SIZE	LENGTH	CARTON QUANTITY	CATALOG NUMBER
8 str.	1 ¹ / ₁₆ "	100	SE-8
6 str.	5 ¹ / ₆₄ "	100	SE-6
4 str.	6 ¹ / ₆₄ "	100	SE-4
2 str.	1 ¹ / ₈ "	100	SE-2

Tin Plated



MAXIMUM WIRE SIZE	LENGTH	CARTON QUANTITY	CATALOG NUMBER
8 str.	2 ³ / ₃₂ "	100	SE-8SP
6 str.	5 ⁵ / ₆₄ "	100	SE-6SP
4 str. #6 ACSR	6 ¹ / ₆₄ "	100	SE-4SP
2 str. #4 ACSR	1 ¹ / ₈ "	100	SE-2SP

Service Entrance Post Connectors

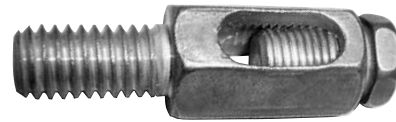
Type SEP

Features

- High conductivity bronze body.
- DURIMUM silicon bronze screw can be tightened with pliers or screwdriver.

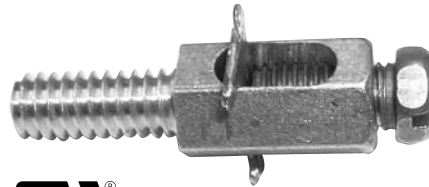
Unplated for Copper

MAXIMUM WIRE SIZE	STUD SIZE	OVERALL LENGTH	CATALOG NUMBER
8 str.	10 - 24 x 1/2"	1 3/16"	SEP-8
6 str.	1/4 - 20 x 5/8"	1 13/32"	SEP-6
4 str.	5/16 - 18 x 5/8"	1 19/32"	SEP-4
2 str.	3/8 - 16 x 3/4"	1 15/16"	SEP-2



Tin Plated

MAXIMUM WIRE SIZE	STUD SIZE	OVERALL LENGTH	CATALOG NUMBER
8 str.	10 - 24 x 1/2"	1 3/16"	SEP-8SP
6 str.	1/4 - 20 x 5/8"	1 13/32"	SEP-6SP
4 str. #6 ACSR	5/16 - 18 x 5/8"	1 19/32"	SEP-4SP
2 str. #4 ACSR	3/8 - 16 x 3/4"	1 15/16"	SEP-2SP



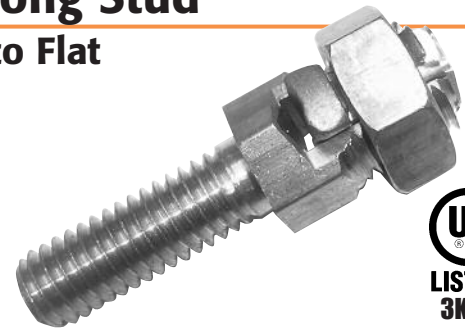
Service Post Connectors, Short and Long Stud Type SPM (Male) For Single Copper Conductor to Flat

Applications

- For grounding of steel structures, fence post, transformers, generators, and bus bar.

Options

- Available to mil spec. for OEM use.



CONDUCTOR				STUD SIZE	BODY LENGTH	OVERALL LENGTH	CATALOG NUMBER
STRANDED		SOLID					
MAXIMUM	MINIMUM	MAXIMUM	MINIMUM				
7	10	6	10	¼ - 20 x ½	1 ⁵ / ₁₆ "	1 ⁵ / ₁₆ "	SPM-2
7	10	6	10	¼ - 20 x 1	1 ⁵ / ₁₆ "	1 ¹³ / ₁₆ "	SPM-2-L
5	10	4	10	5/16 - 18 x 9/16	1 ⁵ / ₁₆ "	1 ½"	SPM-3
5	10	4	10	5/16 - 18 x 1	1 ⁵ / ₁₆ "	1 ¹⁵ / ₁₆ "	SPM-3-L
3	10	2	10	3/8 - 16 x 5/8	3 ¹ / ₃₂ "	1 ¹⁹ / ₃₂ "	SPM-4
3	10	2	10	3/8 - 16 x 1 1/8	3 ¹ / ₃₂ "	2 ³ / ₃₂ "	SPM-4-L
2	8	1	8	3/8 - 16 x 5/8	1 ³ / ₃₂ "	1 ²³ / ₃₂ "	SPM-5
2	8	1	8	3/8 - 16 x 1 1/8	1 ³ / ₃₂ "	2 ⁷ / ₃₂ "	SPM-5-L
1/0	2	1/0	2	½ - 13 x 3/4	1 ⁵ / ₁₆ "	2 ¹ / ₁₆ "	SPM-6
1/0	2	1/0	2	½ - 13 x 1 1/4	1 ⁵ / ₁₆ "	2 ⁹ / ₁₆ "	SPM-6-L
2/0	2	2/0	2	½ - 13 x 3/4	1 ⁷ / ₁₆ "	2 ³ / ₁₆ "	SPM-7
2/0	2	2/0	2	½ - 13 x 1 1/4	1 ⁷ / ₁₆ "	2 ¹¹ / ₁₆ "	SPM-7-L
3/0	1	3/0	1	½ - 13 x 3/4	1 ⁵ / ₈ "	2 ³ / ₈ "	SPM-8
3/0	1	3/0	1	½ - 13 x 1 1/4	1 ⁵ / ₈ "	2 ⁷ / ₈ "	SPM-8-L
4/0	1	4/0	1	5/8 - 11 x 1	1 ¹¹ / ₁₆ "	2 ¹¹ / ₁₆ "	SPM-9
4/0	1	4/0	1	5/8 - 11 x 1 1/2	1 ¹¹ / ₁₆ "	3 ³ / ₁₆ "	SPM-9-L
350	1	-	-	5/8 - 11 x 1	2 ¹ / ₄ "	3 ¹ / ₄ "	SPM-10
350	1	-	-	5/8 - 11 x 1 1/2	2 ¹ / ₄ "	3 ³ / ₄ "	SPM-10-L
500	3/0	-	-	3/4 - 10 x 1 1/4	2 ¹ / ₄ "	3 ¹ / ₂ "	SPM-11
500	3/0	-	-	3/4 - 10 x 1 3/4	2 ¹ / ₄ "	4"	SPM-11-L

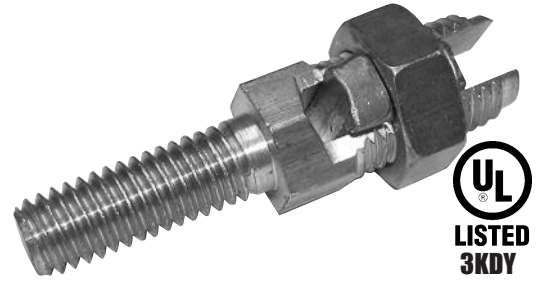
Service Post Connectors, Short and Long Stud Type SPM (Male) For Double Copper Conductor to Flat

Applications

- For grounding of steel structures, fence post, transformers, generators, and bus bar.

Options

- Available to mil spec. for OEM use



Connectors

CONDUCTOR				STUD SIZE	BODY LENGTH	OVERALL LENGTH	CATALOG NUMBER
STRANDED		SOLID					
MAXIMUM	MINIMUM	MAXIMUM	MINIMUM				
7	10	6	10	1/4 - 20 x 1/2	3 1/2"	1 15/32"	SPM-22
7	10	6	10	1/4 - 20 x 1	3 1/2"	1 31/32"	SPM-22-L
5	10	4	10	5/16 - 18 x 9/16	1 5/8"	1 23/32"	SPM-23
5	10	4	10	5/16 - 18 x 1	1 5/8"	2 5/32"	SPM-23-L
3	10	2	10	3/8 - 16 x 5/8	1 1/4"	1 7/8"	SPM-24
3	10	2	10	3/8 - 16 x 1 1/8	1 1/4"	2 3/8"	SPM-24-L
2	8	1	8	3/8 - 16 x 5/8	1 3/8"	2	SPM-25
2	8	1	8	3/8 - 16 x 1 1/8	1 3/8"	2 1/2"	SPM-25-L
1/0	2	1/0	2	1/2 - 13 x 3/4	1 11/16"	2 7/16"	SPM-26
1/0	2	1/0	2	1/2 - 13 x 1 1/4	1 11/16"	2 15/16"	SPM-26-L
2/0	2	2/0	2	1/2 - 13 x 3/4	1 13/16"	2 9/16"	SPM-27
2/0	2	2/0	2	1/2 - 13 x 1 1/4	1 13/16"	3 1/16"	SPM-27-L
3/0	1	3/0	1	1/2 - 13 x 3/4	2 5/16"	3 1/16"	SPM-28
3/0	1	3/0	1	1/2 - 13 x 1 1/4	2 5/16"	3 9/16"	SPM-28-L
4/0	1	4/0	1	5/8 - 11 x 1	2 7/32"	3 7/32"	SPM-29
4/0	1	4/0	1	5/8 - 11 x 1 1/2	2 7/32"	3 23/32"	SPM-29-L
350	1	-	-	5/8 - 11 x 1	2 7/8"	3 7/8"	SPM-30
350	1	-	-	5/8 - 11 x 1 1/2	2 7/8"	4 3/8"	SPM-30-L
500	3/0	-	-	3/4 - 10 x 1 1/4	3 1/4"	4 1/2"	SPM-31
500	3/0	-	-	3/4 - 10 x 1 3/4	3 1/4"	5	SPM-31-L

Bronze Service Post Connectors

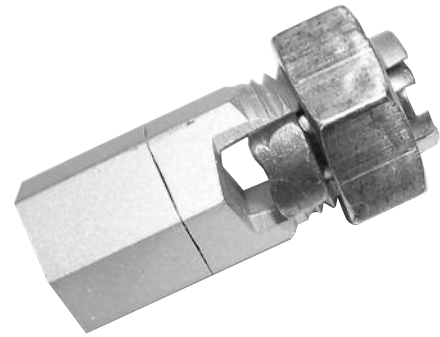
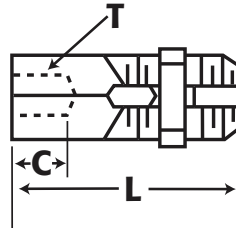
Type SPF (Female)

Applications

- For grounding cable or wire.

Features

- Nuts are 90% copper; spacer is forged copper or cast bronze.
- Unplated.



For Single Copper Conductor

CONDUCTOR RANGE				BODY HEX SIZE	T	C	L	CATALOG NUMBER
STRANDED		SOLID						
MAXIMUM	MINIMUM	MAXIMUM	MINIMUM					
8	12	8	12	$\frac{3}{8}$	$\frac{1}{4}$ - 20	$\frac{1}{4}$	$1\frac{1}{8}$	SPF-1
7	10	6	10	$\frac{7}{16}$	$\frac{1}{4}$ - 20	$\frac{1}{4}$	$1\frac{7}{16}$	SPF-2
5	10	4	10	$\frac{1}{2}$	$\frac{5}{16}$ - 18	$\frac{5}{16}$	$1\frac{5}{16}$	SPF-3
3	10	2	10	$\frac{9}{16}$	$\frac{3}{8}$ - 16	$\frac{3}{8}$	$1\frac{5}{8}$	SPF-4
1	8	2	8	$\frac{5}{8}$	$\frac{3}{8}$ - 16	$\frac{3}{8}$	$1\frac{15}{16}$	SPF-5
1/0	4	2/0	2	$\frac{3}{4}$	$\frac{1}{2}$ - 13	$\frac{1}{2}$	$2\frac{1}{8}$	SPF-6
2/0	2	3/0	2	$\frac{7}{8}$	$\frac{1}{2}$ - 13	$\frac{1}{2}$	$2\frac{5}{16}$	SPF-7
3/0	1	3/0	1	1	$\frac{1}{2}$ - 13	$\frac{1}{2}$	$2\frac{1}{2}$	SPF-8
4/0	1	4/0	1	$1\frac{1}{8}$	$\frac{5}{8}$ - 11	$\frac{5}{8}$	$2\frac{11}{16}$	SPF-9
350	1	-	-	$1\frac{5}{16}$	$\frac{5}{8}$ - 11	$\frac{5}{8}$	3	SPF-10
500	3/0	-	-	$1\frac{5}{8}$	$\frac{3}{4}$ - 10	$\frac{3}{4}$	$3\frac{3}{8}$	SPF-11

Bronze Service Post Connectors

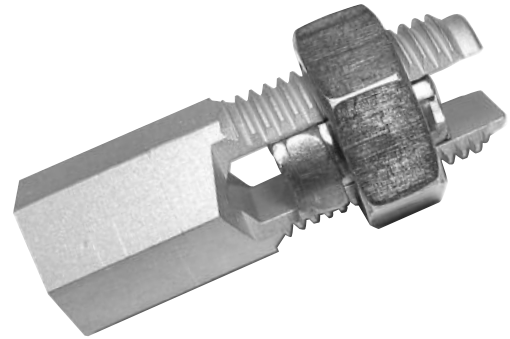
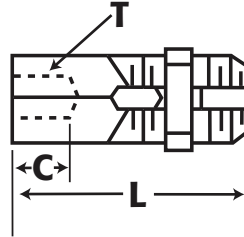
Type SPF (Female)

Applications

- For grounding cable or wire.

Features

- Nuts are 90% copper; spacer is forged copper or cast bronze.
- Unplated.



For Double Copper Conductor

CONDUCTOR RANGE				BODY HEX SIZE	T	C	L	CATALOG NUMBER
STRANDED		SOLID						
MAXIMUM	MINIMUM	MAXIMUM	MINIMUM					
8	12	8	12	3/8	1/4 - 20	1/4	1 1/4	SPF-21
7	10	6	10	7/16	1/4 - 20	1/4	1 5/8	SPF-22
5	10	4	10	1/2	5/16 - 18	5/16	1 13/16	SPF-23
3	10	2	10	9/16	3/8 - 16	3/8	1 7/8	SPF-24
1	8	2	8	5/8	3/8 - 16	3/8	2 5/16	SPF-25
1/0	4	2/0	2	3/4	1/2 - 13	1/2	2 1/2	SPF-26
2/0	2	3/0	2	7/8	1/2 - 13	1/2	2 11/16	SPF-27
3/0	1	3/0	1	1	1/2 - 13	1/2	3	SPF-28
4/0	1	4/0	1	1 1/8	5/8 - 11	5/8	3 7/32	SPF-29
350	1	-	-	1 5/16	5/8 - 11	5/8	3 3/4	SPF-30
500	3/0	-	-	1 5/8	3/4 - 10	3/4	4 3/8	SPF-31

Tang and Collar Lugs, Single and Double Mounting Holes

Offset Type DE & 2DE

Features

- Electrolytic copper tang and collar.
- Unplated; for tin plating, add suffix **-P** to end of catalog number.

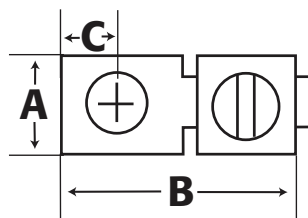
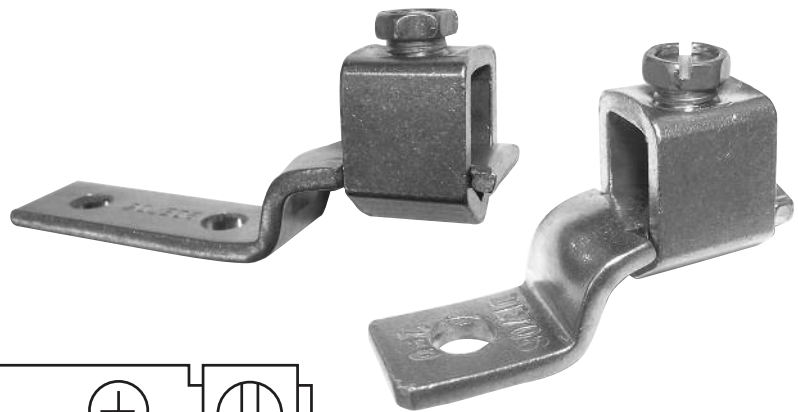


Fig. 1

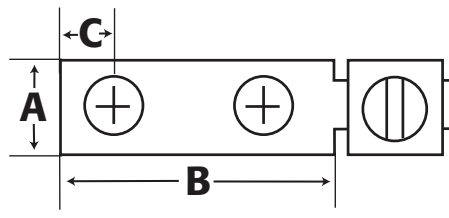


Fig. 2

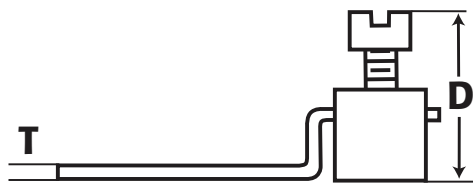


Fig. 3



FIG.	A	B	C	D	T	WIRE RANGE	AMP	MOUNTING HOLES		CATALOG NUMBER
								HOLE SIZE	C TO C	
1	5/16"	3 1/2"	3/16"	3/4"	1/16"	10–14 str.	25	#6	-	*DE-703
1	3/8"	1 1/4"	7/32"	2 5/32"	1/16"	6–14 str.	35–50	#10	-	DE-704
1	1/2"	1 1/2"	9/32"	1 1/16"	5/64"	2–8 str.	70–90	1/4	-	*DE-705
1	5/8"	1 7/8"	3/8"	1 1 1/2"	1/8"	1/0–6 str.	125	1/4	-	DE-706
1	1"	2 3/4"	1/2"	1 3/4"	1/8"	4/0–2 str.	225	5/16	-	*DE-707
1	1 1/2"	4 1/4"	1 5/16"	2 4 5/64"	3/16"	500 MCM–1/0 str.	400	3/8	-	*DE-708
1	2"	4 5/8"	1 3/16"	3 7/8"	1/4"	1000–600 MCM	650	1/2	-	DE-709
2	5/16"	1 2 3/32"	3/16"	3/4"	1/16"	10–14 str.	25	#6	3/4	2DE-703
2	3/8"	2 1/4"	7/32"	2 5/32"	1/16"	6–14 str.	35–50	#10	1	2DE-704
2	1/2"	2 7/16"	1/4"	1 1/16"	5/64"	2–8 str.	70–90	1/4	1	2DE-705
2	5/8"	2 1 5/16"	7/16"	1 1 1/2"	1/8"	1/0–6 str.	125	1/4	1	2DE-706
2	1"	3 5/8"	1/2"	1 3/4"	1/8"	4/0–2 str.	225	5/16	1	2DE-707
2	1 1/2"	6	3/4"	2 4 5/64"	3/16"	500 MCM–1/0 str.	400	1/2	1 3/4	2DE-708
2	2"	6 1/4"	3/4"	3 7/8"	1/4"	1000–600 MCM	650	1/2	1 3/4	2DE-709

Tang and Collar Lugs, Single and Double Mounting Holes

Straight Type DE & 2DE

Features

- Electrolytic copper tang and collar.
- Unplated; for tin plating, add suffix **-P** to end of catalog number.
- Sizes 704 and 706 not UL listed.

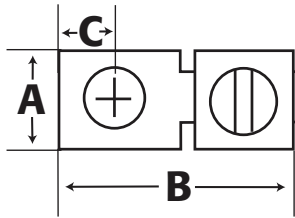


Fig. 1

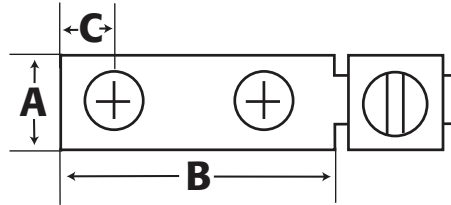


Fig. 2

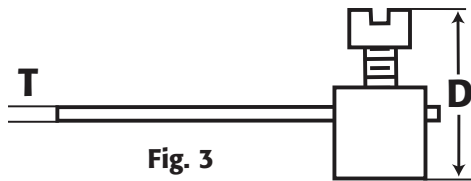


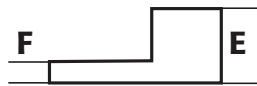
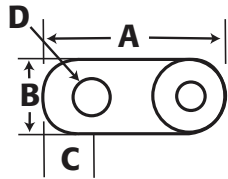
Fig. 3



FIG.	A	B	C	D	T	WIRE RANGE	AMP	MOUNTING HOLES		CATALOG NUMBER
								HOLE SIZE	C TO C	
1	5/16"	6 1/64"	3/16	3/4"	1/16"	10–14 str.	25	#8	-	*DES-703
1	3/8"	1 1/4"	7/32"	3/4"	1/16"	6–14 str.	35–50	#10	-	DES-704
1	1/2"	1 1/2"	9/32"	1 3/32"	5/64"	2–8 str.	70–90	1/4	-	*DES-705
1	5/8"	1 7/8"	3/8"	1 25/32"	1/8"	1/0–6 str.	125	1/4	-	DES-706
1	1"	2 3/8"	1/2"	1 27/32"	1/8"	4/0–2 str.	225	5/16	-	*DES-707
1	1 1/2"	3 7/8"	15/16"	2 9/16"	3/16"	500 MCM–1/0 str.	400	3/8	-	*DES-708
1	2"	5 1/8"	1 3/16"	3 3/4"	1/4"	1000–600 MCM	650	1/2	-	*DES-709
2	5/16"	1 5/64"	3/16	3/4"	1/16"	10–14 str.	25	#8	3/4	2DES-703
2	3/8"	2 1/4"	7/32"	3/4"	1/16"	6–14 str.	35–50	#10	1	2DES-704
2	1/2"	2 7/16"	1/4"	1 3/32"	5/64"	2–8 str.	70–90	1/4	1	2DES-705
2	5/8"	2 15/16"	7/16"	1 25/32"	1/8"	1/0–6 str.	125	1/4	1	2DES-706
2	1"	3 5/8"	1/2"	1 27/32"	1/8"	4/0–2 str.	225	5/16	1	2DES-707
2	1 1/2"	5 5/8"	3/4"	2 9/16"	3/16"	500 MCM–1/0 str.	400	1/2	1 3/4	2DES-708
2	2"	6 7/8"	3/4"	3 3/4"	1/4"	1000–600 MCM	650	1/2	1 3/4	2DES-709

Single Terminal Lug for Copper Conductor

Type TL for Cable to Stud or Screw



Features

- Forged high-conductivity copper mechanical lugs.
- Suffix **-P** indicates tin plating.



AMP RATING	CONDUCTOR RANGE		A	B	C	D	E	F	BOLT SIZE	SCREW STYLE	STANDARD CARTON	CATALOG NUMBER
	MAXIMUM	MINIMUM										
35	8 str.	14 sol.	$5\frac{3}{64}$	$\frac{3}{8}$	$\frac{7}{32}$	$1\frac{3}{64}$	$3\frac{1}{64}$	$\frac{3}{32}$	#10	slotted	100	*TL-1
35	8 str.	14 sol.	$5\frac{3}{64}$	$\frac{3}{8}$	$\frac{7}{32}$	$1\frac{3}{64}$	$3\frac{1}{64}$	$\frac{3}{32}$	#10	slotted	100	*TL-1-P
70	4 str.	14 sol.	$1\frac{1}{8}$	$1\frac{7}{32}$	$\frac{9}{32}$	$\frac{9}{32}$	$\frac{9}{16}$	$\frac{7}{64}$	$\frac{1}{4}$	slotted	100	*TL-2
70	4 str.	14 sol.	$1\frac{1}{8}$	$1\frac{7}{32}$	$\frac{9}{32}$	$\frac{9}{32}$	$\frac{9}{16}$	$\frac{7}{64}$	$\frac{1}{4}$	slotted	100	*TL-2-P
125	1/0 str.	6 sol.	$1\frac{31}{64}$	$2\frac{23}{32}$	$\frac{3}{8}$	$2\frac{1}{64}$	$4\frac{9}{64}$	$\frac{7}{64}$	$\frac{5}{16}$	socket	100	*TL-3
125	1/0 str.	6 sol.	$1\frac{31}{64}$	$2\frac{23}{32}$	$\frac{3}{8}$	$2\frac{1}{64}$	$4\frac{9}{64}$	$\frac{7}{64}$	$\frac{5}{16}$	socket	100	*TL-3-P
125	1/0 str.	6 sol.	$1\frac{31}{64}$	$2\frac{23}{32}$	$\frac{3}{8}$	$2\frac{1}{64}$	$6\frac{1}{64}$	$\frac{7}{64}$	$\frac{5}{16}$	hex	50	*TL-4
125	1/0 str.	6 sol.	$1\frac{31}{64}$	$2\frac{23}{32}$	$\frac{3}{8}$	$2\frac{1}{64}$	$6\frac{1}{64}$	$\frac{7}{64}$	$\frac{5}{16}$	hex	50	*TL-4-P
250	250 MCM	2/0 str.	$1\frac{63}{64}$	$6\frac{1}{64}$	$3\frac{1}{64}$	$2\frac{5}{64}$	$1\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{8}$	socket	25	*TL-5
250	250 MCM	2/0 str.	$1\frac{63}{64}$	$6\frac{1}{64}$	$3\frac{1}{64}$	$2\frac{5}{64}$	$1\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{8}$	socket	25	*TL-5-P
250	250 MCM	2/0 str.	$1\frac{63}{64}$	$6\frac{1}{64}$	$3\frac{1}{64}$	$2\frac{5}{64}$	$1\frac{15}{16}$	$\frac{1}{8}$	$\frac{3}{8}$	hex	12	TL-6
250	250 MCM	2/0 str.	$1\frac{63}{64}$	$6\frac{1}{64}$	$3\frac{1}{64}$	$2\frac{5}{64}$	$1\frac{15}{16}$	$\frac{1}{8}$	$\frac{3}{8}$	hex	12	TL-6-P

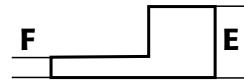
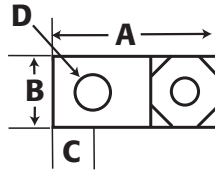
Cast Terminal Lugs

Type CTL for Cable to Stud or Screw



Features

- Cast from high-conductivity bronze
- Suffix **-P** indicates tin plating
- Add suffix **-H** for hex head screw

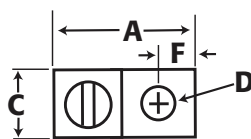


Connectors

CONDUCTOR RANGE		A	B	C	D	E	F	BOLT SIZE	SCREW STYLE	STANDARD CARTON	CATALOG NUMBER
MAXIMUM	MINIMUM										
1 str.	4 str.	1 1/2	3/4	13/32	1/4	13/16	3/16	1/4	socket	50	CTL-1
1 str.	4 str.	1 1/2	3/4	13/32	1/4	13/16	3/16	1/4	socket	50	CTL-1-P
1/0 str.	4 str.	1 15/32	3/4	13/32	11/32	13/16	3/16	5/16	socket	50	CTL-1/0
1/0 str.	4 str.	1 15/32	3/4	13/32	11/32	13/16	3/16	5/16	socket	50	CTL-1/0-P
2/0 str.	4 str.	1 3/4	3/4	3/8	13/32	7/8	3/16	3/8	socket	25	CTL-2/0
2/0 str.	4 str.	1 3/4	3/4	3/8	13/32	7/8	3/16	3/8	socket	25	CTL-2/0-P
4/0 str.	1 str.	1 13/16	1	7/16	13/32	1 1/2	7/32	3/8	socket	12	CTL-4/0
4/0 str.	1 str.	1 13/16	1	7/16	13/32	1 1/2	7/32	3/8	socket	12	CTL-4/0-P
500 MCM	4/0 str.	3 1/16	1 7/16	3/4	9/16	1 1/2	7/32	3/8	socket	6	CTL-500
500 MCM	4/0 str.	3 1/16	1 7/16	3/4	9/16	1 1/2	7/32	3/8	socket	6	CTL-500-P

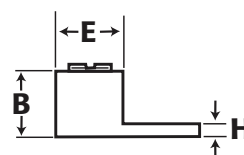
Universal Terminal

For Single Aluminum and Copper Conductor



Features

- Dual-rated, one-conductor lugs.
- Constructed from high-strength, high-conductivity aluminum alloy.
- Electro-tin plated for low-contact resistance.



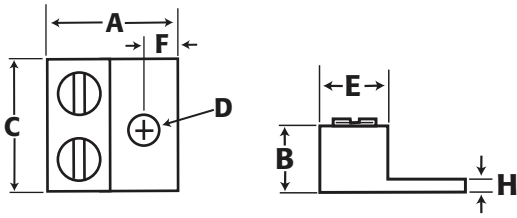
SCREW TYPE	WIRE RANGE AL9CU	A	B	C	D	E	F	H	CATALOG NUMBER
slotted	4-14	0.835	0.5	0.375	0.193	0.375	0.25	0.1	6T
slotted	4-14	1.062	0.5	0.5	0.265	0.375	0.25	0.094	4T
slotted	4-14	1.156	0.56	0.5	0.265	0.47	0.25	0.1	2T
slotted	1/0-14	1.468	0.781	0.625	0.265	0.625	0.437	0.187	0T
slotted	1/0-14	1.171	0.671	0.625	0.265	0.578	0.25	0.13	0T1
hex socket	2/0-14	1.468	0.781	0.625	0.265	0.625	0.437	0.187	2/0T
hex socket	2/0-14	1.625	0.75	0.656	0.265	0.625	0.437	0.25	2/0T1
hex socket	3/0-6	1.875	0.89	0.7	0.265	0.88	0.5	0.145	3/0T
hex socket	250 MCM-6	2	1.125	1	0.328	1	0.406	0.25	250T
hex socket	300 MCM-6	2	1.125	1	0.281	1	0.5	0.25	300T
hex socket	350 MCM-6	2.25	1.25	1.125	0.406	1.125	0.5	0.25	350T
hex socket	500 MCM-4	2.812	1.562	1.5	0.406	1.218	0.875	0.312	500T
hex socket	600 MCM-2	3.125	1.562	1.5	0.531	1.375	0.875	0.437	600T
hex socket	750 MCM-4/0	3.375	1.937	1.625	0.531	1.625	0.875	0.5	750T
hex socket	800 MCM- 300 MCM	3.375	1.937	1.575	0.656	1.625	0.875	0.5	800T
hex socket	1000 MCM- 500 MCM	3.375	1.937	1.75	0.656	1.625	0.875	0.5	1000T

Universal Terminal

For Double Aluminum and Copper Conductor

Features

- Dual-rated, two-conductor lugs.
- Constructed from high-strength, high-conductivity aluminum alloy.
- Electro-tin plated for low-contact resistance.



SCREW TYPE	WIRE RANGE AL9CU	A	B	C	D	E	F	H	CATALOG NUMBER
slotted	Two 2-14	1.156	0.56	0.906	0.272	0.47	0.25	0.1	2-2T
slotted	Two 1/0-14	1.468	0.781	1.12	0.265	0.625	0.328	0.187	2-0T
hex socket	Two 2/0-14	1.468	0.781	1.12	0.265	0.625	0.328	0.187	2-2/0T
hex socket	Two 3/0-6	1.75	0.844	1.375	0.266	0.78	0.468	0.187	2-3/0T
hex socket	Two 250 MCM-6	2.562	1.187	1.625	0.391	1	0.875	0.25	2-250T
hex socket	Two 350 MCM-6	2.875	1.25	1.937	0.562	1.125	0.875	0.25	2-350T
hex socket	Two 500 MCM-4	2.812	1.562	2.266	0.562	1.218	0.875	0.312	2-500T
hex socket	Two 600 MCM-2	3.125	1.562	2.406	0.531	1.375	0.625	0.437	2-600T
hex socket	Two 750 MCM-4/0	3.375	1.937	2.875	0.531	1.625	0.875	0.5	2-750T
hex socket	Two 800 MCM-300 MCM	3.375	1.937	2.925	0.656	1.625	0.875	0.5	2-800T
hex socket	Two 1000 MCM-500 MCM	3.375	1.937	3.187	0.656	1.625	0.875	0.5	2-1000T

Hand-Held Crimp Tool

#8–#2 AWG conductor range covers red, blue, grey, and brown compression lugs that are made from tubing. Ergonomic design features cushioned grips, easy-grip jaws, and rotating tool nest. Manufactured in the U.S.A.

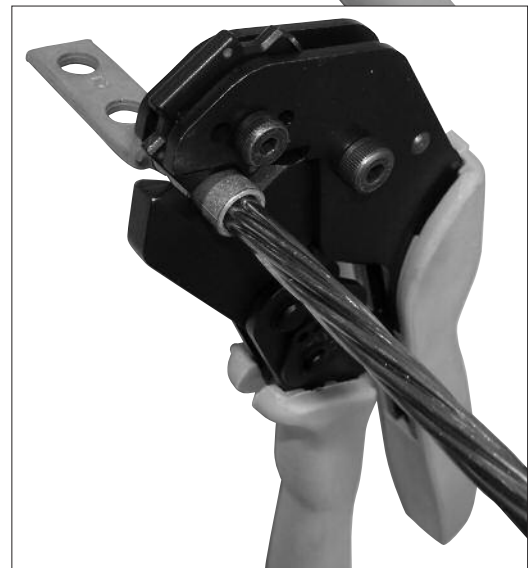
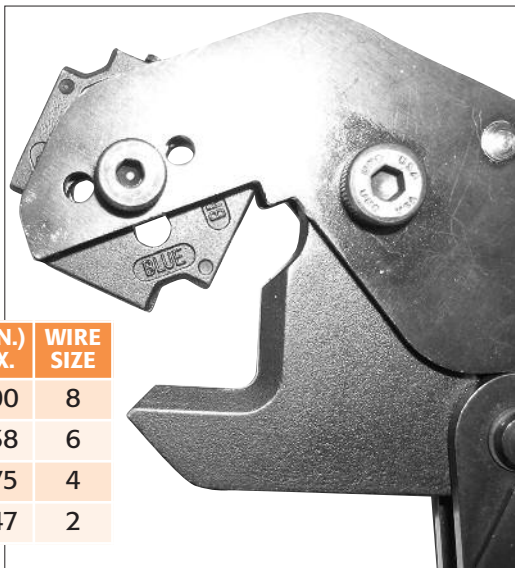
Features

- Positive ratcheting assembly with emergency release, prevents overcrimping or undercrimping.
- High mechanical advantage with molded cushion grips minimize user fatigue.
- Tool life is conservatively rated at 50,000 cycles.
- Crimps designed to meet or exceed UL tensile requirements.

Ordering information:

EM 4290CT –
Hand-Held Crimp
Tool, #8–#2 AWG.

DIE INDEX NUMBER	GAGE DIE (IN.) MIN. – MAX.	WIRE SIZE
RED	.178 .200	8
BLUE	.220 .238	6
GRY	.265 .275	4
BRN	.325 .347	2



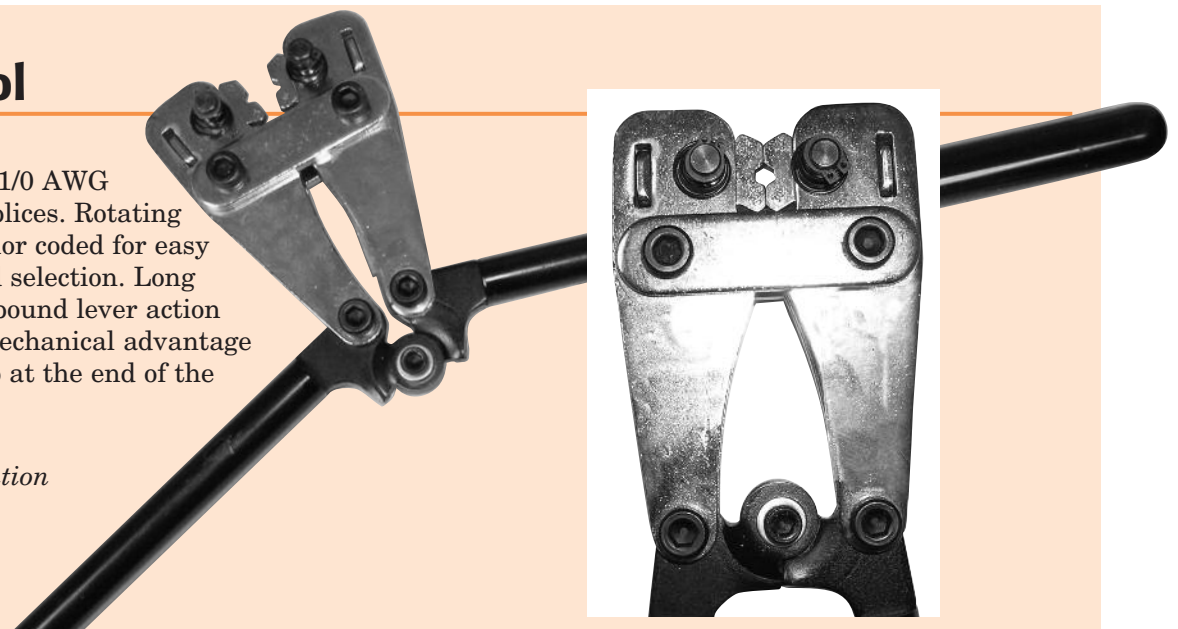
Crimp Tool

For crimping #8–1/0 AWG crimp lugs and splices. Rotating crimp dies are color coded for easy identification and selection. Long handles and compound lever action provide superb mechanical advantage and positive stop at the end of the crimp cycle.

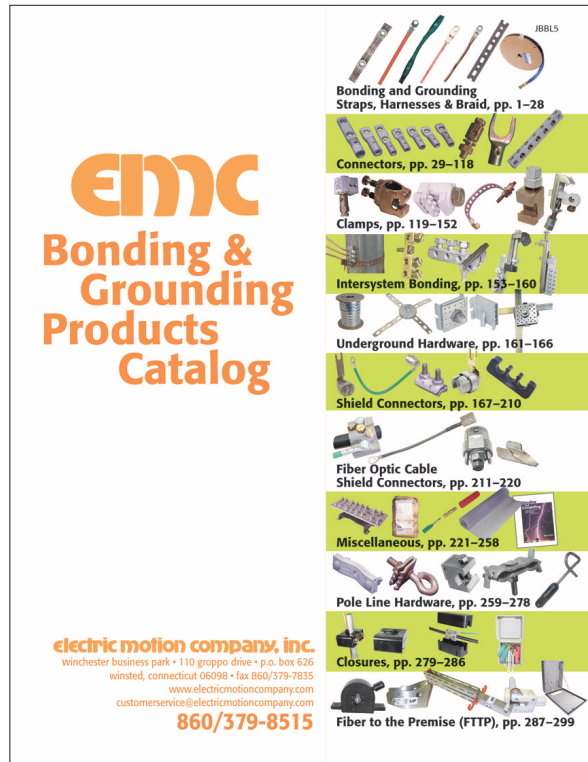
Ordering information

EM 080CT

Standard packaging:
1/bx, 9 lb/bx



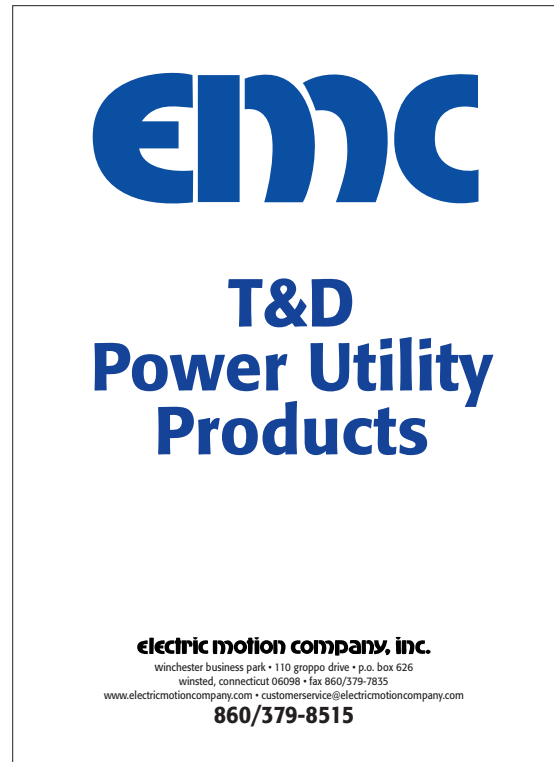
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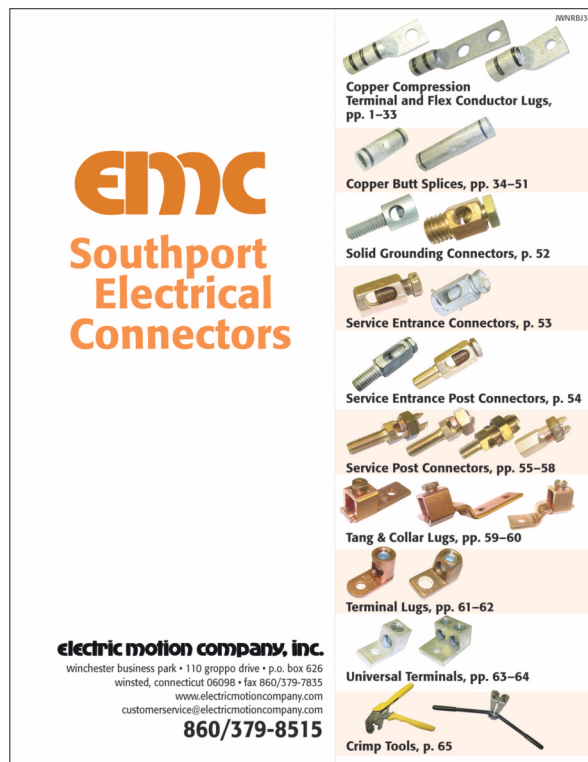
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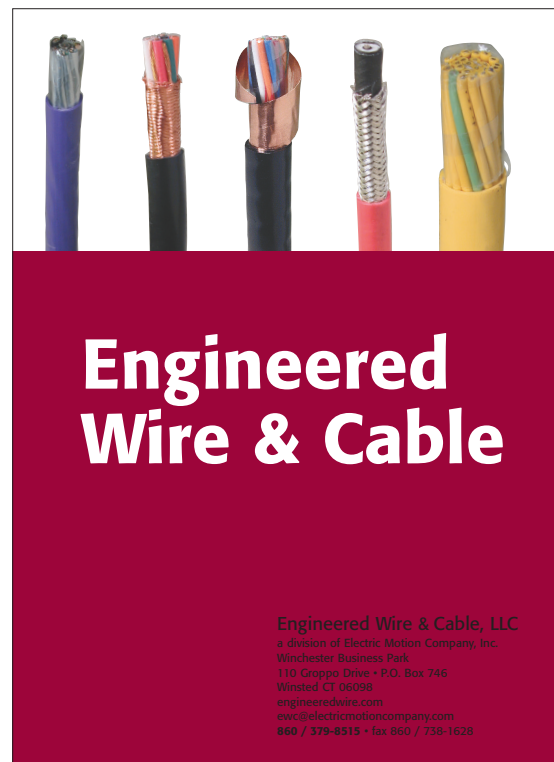
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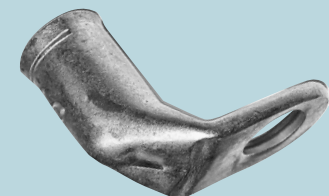
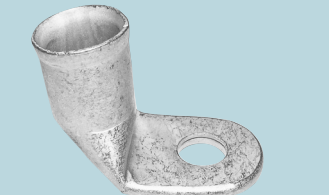
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- Copper Butt Splices, pp. 34-51
- Solid Grounding Connectors, p. 52
- Service Entrance Connectors, p. 53
- Service Entrance Post Connectors, p. 54
- Service Post Connectors, pp. 55-58
- Tang & Collar Lugs, pp. 59-60
- Terminal Lugs, pp. 61-62
- Universal Terminals, pp. 63-64
- Crimp Tools, p. 65



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Electric Motion Company has been ISO 9001:2008 certified, with the following scope:

Design and manufacture of:

- Specialty hardware and connectors used for bonding and grounding by the telecommunications industry, cable television, internet providers, and electrical utility companies;
- Deep drawn lugs/terminals used by the automotive industry, battery industry, transformer manufacturers, and others;
- Custom cables and wire;
- Specialty and custom fasteners (cold-headed and screw-machined);
- Metal stampings;
- CNC machined products;
- Custom and specialty braid products;
- Sheet-metal fabrications, which incorporate welding, punch press and laser cutting, and powder coating;
- Commercial plated and mechanical galvanized products;
- Porcelain products;
- Aluminum and zinc diecast parts;
- Plastic injection molded products.

Quality Policy

Electric Motion Company is committed to increasing customer satisfaction through on-time delivery, high-quality parts, and innovative design. We are dedicated to the continuous improvement of our workforce, facilities, and business management system to ensure compliance to the ISO 9001 standard and the growth of the company.

Management Environmental Policy Statement

It is the policy of Electric Motion Company to operate in an environmentally responsible manner. The management encourages and supports employees to seek opportunities for waste reduction and minimization in the company's production processes. It is our goal to ensure that practices in our workplace are in compliance with federal, state and local environmental standards in order to minimize risk and protect our employees and the community in which we operate.



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- Custom cables and wire;
- Specialty and custom fasteners (cold-headed and screw-machined);
- Metal stampings;
- CNC machined products;
- Custom and specialty braid products;
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EMC electric motion company, inc. In-House Capabilities



110 Groppo Drive



157 Colebrook River Road

Electric Motion provides the following services to meet all your manufacturing needs, from fast-turnaround prototyping through efficient high-volume production.

Fastener Manufacturing Capabilities

Because of our unique capabilities in CNC, screw machines, and cold heading, we can help you develop product, support your growth in volume, and add value with custom features.



Computerized Turning:

7-axis with live tooling for small- to medium-sized production runs.



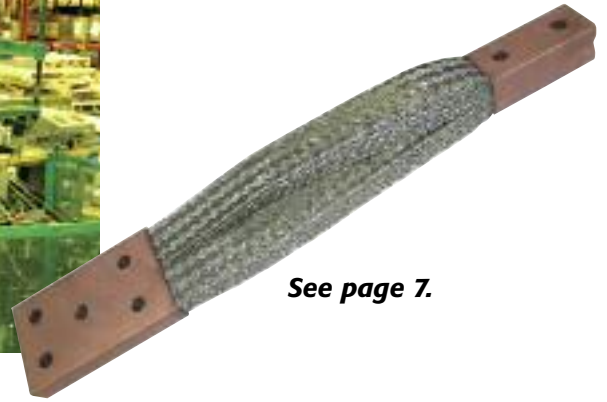
Screw Machines: For small- to medium-sized production runs, up to 1½".



Cold Heading: For larger production runs. #6-½". • Bronze
• Brass • Stainless steel • Steel • Roll Threading
• SEMS (captive washer)

Wire and Braid

Braiding: Custom braids, eyeleted braids, terminated braids



See page 7.

Wire Processing: Stranding, bunching, twisting • Cabling • Extruding (insulating and jacketing)



Custom cables



Metal Fabrication

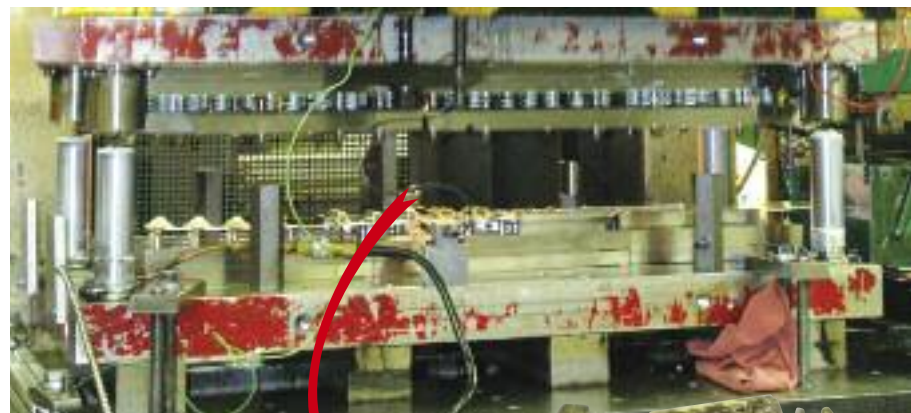
Laser Cutting: 4000-watt laser with load/unload automation for your high-volume laser needs

- 5' X 10' working range
- Steel, stainless, aluminum, up to 1" thick



Sheet metal, welding, and stamping

for prototype to production: • Laser cutting (see above) • CNC punching • Deburring and graining • CNC bending • Hardware insertion • Aluminum and steel spot welding • MIG and TIG welding • High-volume powder coating line (see metal finishing, next page) • CNC machining capability (see next page) • Design capability using SolidWorks • Power presses, 15–220 ton



Metal Stamping:

CNC turret punch press with loader



Horizontal and vertical CNC milling machines



Metal Finishing: Mechanical galvanizing • Electro-tin plating • Deburring: tumbling, abrasive belt, multi-directional • Polishing



Powder Coating: • In-line 3-stage iron phosphate washer, drying and curing ovens • 3" I-beam conveyor
• 150 lb/pendant capacity • Booth opening 36" x 54" • Both manual and automatic application • Small and large volumes



Plastic Injection Molding: Prototyping/low volume • Production/high volume



Porcelain: Dry process up to 2" diameter and 4" long. See page 271.



Die Casting: Aluminum • Zinc – High Speed Multi-Slide



Complete Toolroom Capabilities: Wire EDM • Conventional/Ram EDM • Design/engineering
• CNC machining • Progressive die and mold making

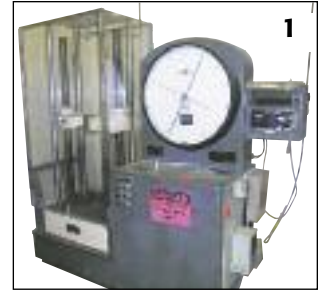


Test Lab/Q.C. Facility

Our equipment is assured by a rigorous in-house QC program that insures NIST traceability and conformance to industry standards and specifications.

The Electric Motion Test Lab Facility is a vital part of product research and development. It provides detailed support to design and engineering teams. The facility stays abreast of revised regulations and tests new and existing products.

The EMC Laboratory certifies and tests connector products to the following standards: ANCE, ASTM, IEEE, CSA, Military, NEMA, UL, and Telcordia.



Mechanical Test Equipment:

1. Tinius Olsen High Force Electromechanical 30000lbf Tension & Compression Tester

Applications:

Designed to test metals, composites, rigid reinforced plastics, conductor strength, webbing etc. in tension, compression, flexure, shear, tear and peel. *Range:* 0–300lbf, 0–1200lbf, 0–6000lbf, 0–30000lbf

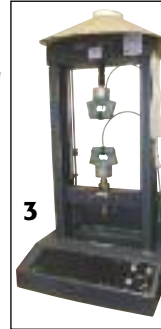


2. Vibration Test Equipment

Applications: Package Testing, Accelerated Life Testing, Production Testing, Failure Analysis

3. Instron - Tensile Test Apparatus

Applications: Among other tensile tests, used to test conductor insulation for ultimate elongation and tensile strength per UL 758 and UL 1581 standards. *Range:* 0–200lbf



4. Secureness Test Performance Equipment per UL486A–486B Standard

Applications: Designed to evaluate wire connectors

to UL486A–486B standard by testing the joint between the connector and the conductor for 30 minute durations. *Range:* Evaluates secureness of conductor (18 to 4/0 AWG) in connectors.

5. Rockwell Testers

Applications: For measuring hardness of metals and alloys of all kinds: hard or soft, flat, round or irregular in shape. Tests determine the hardness by comparing the depth of penetration of an indenter under a large load to the penetration made by a pre-load. Testing is performed to ASTM E18 standard. *Range:* Scales A–G, 15T, 30T, 45T, Maximum Load (kgf.): 150; Load Range (kgf.): 60, 100, 150; Initial Range Load (kgf.): 10



Environmental Test Equipment:

6. Environmental Chamber

Applications: Used to expose materials to various percentages of salt solution. The exposure determines the corrosive effects and resistance changes of the test materials to the ASTM B117 salt fog test.



7. Temperature and Humidity Chamber

Applications: Used to condition parts and products before testing to determine the effects of temperature. It is also used to expose parts and products to moisture for predetermined periods of time. *Range:* The relative humidity range is from 20% to



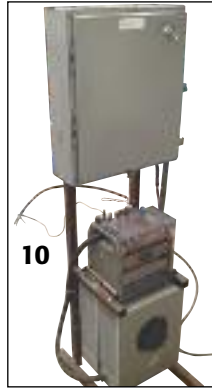
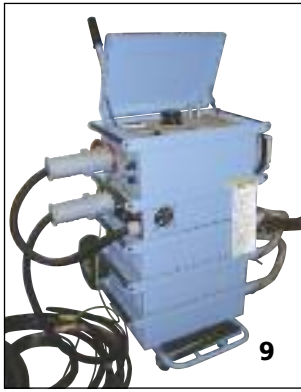
98% and the temperature range is -65°C to 177°C

8. Fischerscope X-Ray 1010

Station is designed to measure thickness by the x-ray fluorescence method. *Applications:* Coating thickness measurement, alloy composition measurement, double coating thickness measurement with a spectrum for quantitative analysis.



Electrical Test Equipment:



9. Programma Oden AT – Programmable High Current Injector

Applications:

Current Cycling – The application of electrical current for the required time or number of cycles determined by the specifications. Each cycle consists of a current on and a current off period. “Current On” causes heating and material expansion. “Current Off” allows cooling to occur resulting in material contraction.

Fault Current Testing – The application of high electrical current for the short-term required time or number of cycles determined by specifications. *Range:* Can generate fault currents up to 10kAac for a short duration and under the right conditions.

10. Knopp Loading Transformers – Programmable Current Injector

Applications: Heat runs—current can be applied continuously or through programmable intervals. The times can be shown in minutes and hours

which facilitates long-term testing capability.

Range: Can generate currents up to 1000Aac at 5Vac for a short duration and under the right conditions.

11. Slaughter A.C. Hi-Pot Equipment

Applications: Dielectric Withstand Tests—verifies that the insulation of a product or component is sufficient to protect the operator from electrical shock
Range: 0–5kVac @ 60Hz.

12. Phenix A.C./D.C. Hi-Pot Equipment

Applications: Dielectric Withstand Tests—used to test the integrity of insulated products.
Range: 0–10kVac and 0–25kVdc @60Hz.

13. Digi-Sense Thermocouple Scanning Thermometers with 12 Channels

Applications: Automatically or manually displays, records and outputs temperature readings
Range: Scan and log up to 12 thermocouple inputs from any combination of J, K, T, E, N, B, R, and S thermocouple probes. 0–1800°C.

Miscellaneous:



14. Uprint Plus - 3D Printer Prototyping

Applications: Building of 3D models based on 3D CAD files to establish proof of concept, product mockups, testing for fit and function.






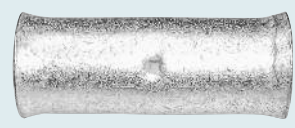
15. Optical Comparator

Applications: Digitally controlled device with fiber optic pick-up that measures radii, depth and angles, used to determine whether parts meet specifications.

16. Coordinate Measuring Equipment

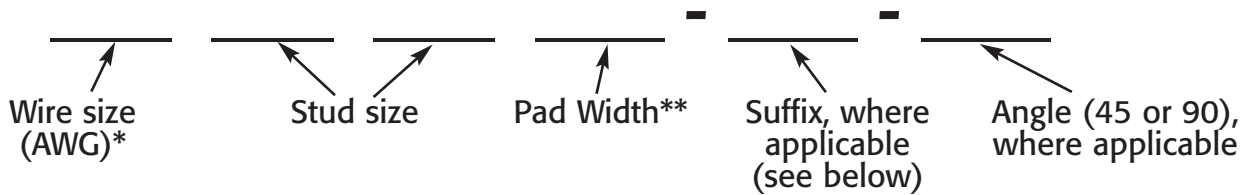
Opti-Flex 3000 MeasureGraph Measurement – Computer-controlled device used for inspection and dimensional verification, to determine whether parts meet specifications.

Heavy-Duty Ring-Style Terminals and Connectors

<p>Plain Type</p>	<p>A general-purpose seamless electrical terminal used where special installation characteristics are not required. Available in various pad widths to accommodate most stud sizes.</p>	
<p>With Sight Hole</p>	<p>Has the same characteristics as the general-purpose terminal and permits inspection of cable insertion depth and solder flow. The new type sight hole does not create a weak spot under severe vibration.</p>	
<p>Bent Type</p>	<p>Has the same characteristics as the general terminal with standard angles of 45° and 90°. Used to reduce strain of the crimp where space limitation or routing is a problem. Other angles to customer's specification also available.</p>	
<p>Recessed Pad Type</p>	<p>For all top-stud and side-mount batteries. Sizes from #4 through 4/0 AWG can be stacked in parallel or in series using the same or mixed wire ranges. The most efficient terminal for top-stud batteries. Designed to assure maximum contact area and greater ampere ratings.</p>	
<p>Expanded Pad Type</p>	<p>These terminals offer the capability of supplying stud sizes through 1/2" in wire sizes from #8 through #1/0. They offer greater heat sink capacity and assure cool connections even at continuous elevated ampere loads.</p>	
<p>Connectors</p>	<p>Seamless connectors in wire size from #8 through 4/0 AWG. Available in flared or chamfered barrels.</p>	

Electric Motion terminals and connectors are made from ETP copper for maximum conductivity.

Part Numbering System



Example: **4381-2** is an unplated ring terminal with sight hole, accommodating a #4 AWG wire and a 3/8" stud, with the smallest width pad.

***When a part number has five digits** (not counting the suffix), the first two numbers are the wire size. *Example:* **10381** accommodates a 1/0 AWG wire and a 3/8" stud, and has the smallest width pad.

When a part number has six digits (not counting the suffix), the first three digits indicate the MCM size. *Example:* **250381** accommodates a 250 MCM wire and a 3/8" stud, and has the smallest width pad.

****Pad widths** for each wire range, where applicable, are specified on each page.

Suffixes

[No suffix]	Ring terminal, unplated
1	Ring terminal, plated
2	Ring terminal with sight hole, unplated
3	Ring terminal with sight hole, plated
4	Ring terminal with recessed pad, unplated
5	Ring terminal with recessed pad, plated
6	Ring terminal with recessed pad and sight hole, unplated
7	Ring terminal with recessed pad and sight hole, plated
8	Bent ring terminal, unplated; indicate angle
9	Bent ring terminal, plated; indicate angle
10	Bent ring terminal with sight hole, unplated; indicate angle
11	Bent ring terminal with sight hole, plated; indicate angle
20	Butt connector, chamfered, plated
25	Butt connector, flared, plated, color coded
60	Ring terminal with sight hole, plated, color coded

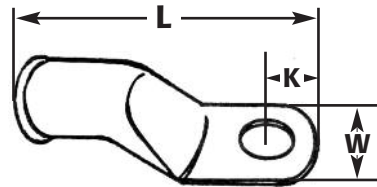
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#8 AWG Seamless Ring Lugs

Barrel ID .185"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
10	1 3/16	7/16 A pad	15/64	8101	1526109-1	8101-1	1526109-2
1/4				8141	1526115-1	8141-1	1526115-2
5/16				8561	1526122-1	8561-1	1526122-2
1/4	1 5/16	19/32 B pad	5/16	8142	1526128-1	8142-1	1526128-2
5/16				8562	1526134-1	8562-1	1526134-2
3/8				8382	1526142-1	8382-1	1526142-2
3/8	1 15/32	49/64 C pad	13/32	8383	1526148-1	8383-1	1526148-2
1/2				8503	1526154-1	8503-1	1526154-2



SIGHT HOLES

10	1 3/16	7/16 A pad	15/64	8101-2	1526110-1	8101-3	1526110-2
1/4				8141-2	1526116-1	8141-3	1526116-2
5/16				8561-2	1526123-1	8561-3	1526123-2
1/4	1 5/16	19/32 B pad	15/64	8142-2	1526129-1	8142-3	
5/16				8562-2	1526135-1	8562-3	1526135-2
3/8				8382-2	1526143-1	8382-3	1526143-2
3/8	1 15/32	49/64 C pad	13/32	8383-2	1526149-1	8383-3	-
1/2				8503-2	1526155-1	8503-3	1526155-2



45° ANGLES

10	1 3/16	7/16 A pad	15/64	8101-8-45	1526111-1	8101-9-45	1526111-2
1/4				8141-8-45	1526117-1	8141-9-45	1526117-2
5/16				8561-8-45	-	8561-9-45	-
1/4	1 5/16	19/32 B pad	5/16	8142-8-45	-	8142-9-45	-
5/16				8562-8-45	-	8562-9-45	-
3/8				8382-8-45	-	8382-9-45	-
3/8	1 15/32	49/64 C pad	13/32	8383-8-45	-	8383-9-45	-
1/2				8503-8-45	-	8503-9-45	-



90° ANGLES

10	1 3/16	7/16 A pad	15/64	8101-8-90	-	8101-9-90	-
1/4				8141-8-90	1526118-1	8141-9-90	1526118-2
5/16				8561-8-90	-	8561-9-90	-
1/4	1 5/16	19/32 B pad	5/16	8142-8-90	-	8142-9-90	-
5/16				8562-8-90	-	8562-9-90	-
3/8				8382-8-90	-	8382-9-90	-
3/8	1 15/32	49/64 C pad	13/32	8383-8-90	-	8383-9-90	-
1/2				8503-8-90	1526157-1	8503-9-90	1526157-2



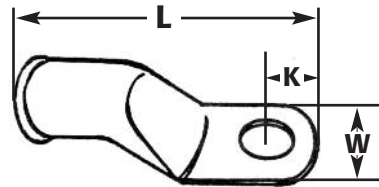
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#8 AWG Seamless Ring Lugs

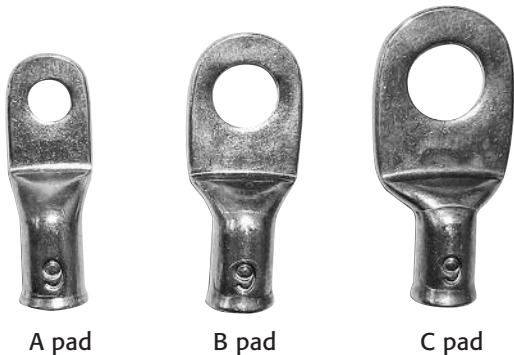
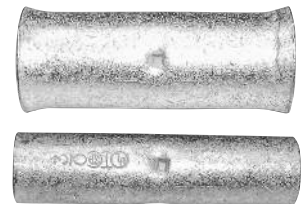
Barrel ID .185"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
45° ANGLES WITH SIGHT HOLES							
10	1 3/16	7/16 A pad	15/64	8101-10-45	–	8101-11-45	–
1/4				8141-10-45	–	8141-11-45	–
5/16				8561-10-45	–	8561-11-45	–
1/4	1 5/16	19/32 B pad	15/64	8142-10-45	–	8142-11-45	–
5/16				8562-10-45	–	8562-11-45	–
3/8				8382-10-45	–	8382-11-45	–
3/8	1 15/32	49/64 C pad	13/32	8383-10-45	–	8383-11-45	–
1/2				8503-10-45	–	8503-11-45	–
90° ANGLES WITH SIGHT HOLES							
10	1 3/16	7/16 A pad	15/64	8101-10-90	–	8101-11-90	–
1/4				8141-10-90	–	8141-11-90	–
5/16				8561-10-90	–	8561-11-90	–
1/4	1 5/16	19/32 B pad	5/16	8142-10-90	–	8142-11-90	–
5/16				8562-10-90	–	8562-11-90	–
3/8				8382-10-90	–	8382-11-90	–
3/8	1 15/32	49/64 C pad	13/32	8383-10-90	–	8383-11-90	–
1/2				8503-10-90	1526159-1	8503-11-90	1526159-2
BUTT CONNECTOR – CHAMFERED ENDS							
–	3/32	–	–	–	–	8001	1526961-2
BUTT CONNECTOR – FLARED ENDS							
–	3/32	–	–	–	–	8001-20	1526979-2



A pad

B pad

C pad

Heavy-Duty Electrical Lugs

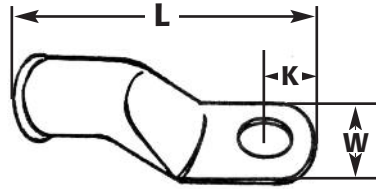
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#6 AWG Seamless Ring Lugs

Barrel ID .232"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
10	1 9/32	7/16	15/64	6101	1526160-1	6101-1	1526160-2
1/4				6141	1526166-1	6141-1	1526166-2
5/16				6561	1526173-1	6561-1	1526173-2
1/4	1 13/32	19/32	5/16	6142	1526181-1	6142-1	1526181-2
5/16				6562	1526187-1	6562-1	1526187-2
3/8				6382	1526193-1	6382-1	1526193-2
3/8	1 9/16	49/64	13/32	6383	1526209-1	6383-1	1526209-2
1/2				6503	1526217-1	6503-1	1526217-2



SIGHT HOLES

10	1 9/32	7/16	15/64	6101-2	1526161-1	6101-3	1526161-2
1/4				6141-2	1526167-1	6141-3	1526167-2
5/16				6561-2	1526174-1	6561-3	1526174-2
1/4	1 13/32	19/32	5/16	6142-2	1526182-1	6142-3	1526182-2
5/16				6562-2	1526188-1	6562-3	1526188-2
3/8				6382-2	1526194-1	6382-3	1526194-2
3/8	1 9/16	49/64	13/32	6383-2	1526210-1	6383-3	1526210-2
1/2				6503-2	1526218-1	6503-3	1526218-2



45° ANGLES

10	1 9/32	7/16	15/64	6101-8-45	–	6101-9-45	–
1/4				6141-8-45	1526168-1	6141-9-45	1526168-2
5/16				6561-8-45	–	6561-9-45	–
1/4	1 13/32	19/32	5/16	6142-8-45	–	6142-9-45	–
5/16				6562-8-45	–	6562-9-45	–
3/8				6382-8-45	–	6382-9-45	–
3/8	1 9/16	49/64	13/32	6383-8-45	–	6383-9-45	–
1/2				6503-8-45	–	6503-9-45	–



90° ANGLES

10	1 9/32	7/16	15/64	6101-8-90	1526163-1	6101-9-90	1526163-2
1/4				6141-8-90	1526169-1	6141-9-90	1526169-2
5/16				6561-8-90	–	6561-9-90	–
1/4	1 13/32	19/32	5/16	6142-8-90	–	6142-9-90	–
5/16				6562-8-90	1526190-1	6562-9-90	1526190-2
3/8				6382-8-90	1526196-1	6382-9-90	1526196-2
3/8	1 9/16	49/64	13/32	6383-8-90	–	6383-9-90	–
1/2				6503-8-90	1526220-1	6503-9-90	1526220-2



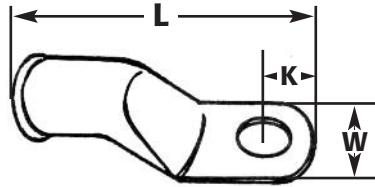
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#6 AWG Seamless Ring Lugs

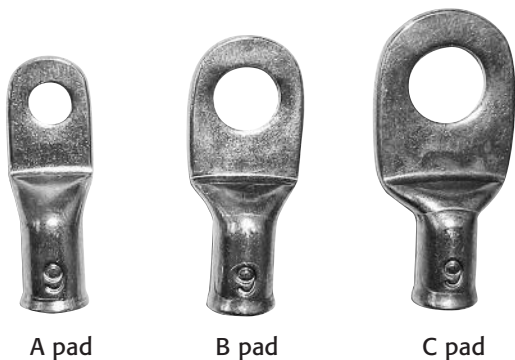
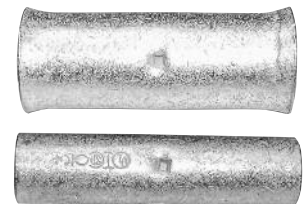
Barrel ID .232"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED		
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.	
45° ANGLES WITH SIGHT HOLES								
10	1 9/32	7/16	15/64	6101-10-45	–	6101-11-45	–	
1/4				A pad	6141-10-45	1526170-1	6141-11-45	1526170-2
5/16					6561-10-45	–	6561-11-45	–
1/4	1 13/32	19/32	5/16	6142-10-45	–	6142-11-45	–	
5/16				B pad	6562-10-45	–	6562-11-45	–
3/8					6382-10-45	–	6382-11-45	–
3/8	1 9/16	49/64	13/32	6383-10-45	–	6383-11-45	–	
1/2				C pad	6503-10-45	–	6503-11-45	–
90° ANGLES WITH SIGHT HOLES								
10	1 9/32	7/16	15/64	6101-10-90	–	6101-11-90	–	
1/4				A pad	6141-10-90	1526171-1	6141-11-90	1526171-2
5/16					6561-10-90	–	6561-11-90	–
1/4	1 13/32	19/32	5/16	6142-10-90	–	6142-11-90	–	
5/16				B pad	6562-10-90	–	6562-11-90	–
3/8					6382-10-90	–	6382-11-90	–
3/8	1 9/16	49/64	13/32	6383-10-90	–	6383-11-90	–	
1/2				C pad	6503-10-90	–	6503-11-90	–
BUTT CONNECTOR – FLARED ENDS								
–	1 1/16	–	–	–	–	6001	1526962-2	
BUTT CONNECTOR – CHAMFERED ENDS								
–	1 1/16	–	–	–	–	6001-20	1526980-2	



A pad

B pad

C pad

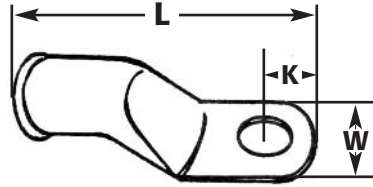
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#4 AWG Seamless Ring Lugs

Barrel ID .286"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
10	1 1/2	17/32	9/32	4101	1526223-1	4101-1	1526223-2
1/4				4141	1526229-1	4141-1	1526229-2
5/16				4561	1526235-1	4561-1	1526235-2
3/8				4381	1526242-1	4381-1	1526242-2
5/16	1 17/32	5/8	5/16	4562	1526251-1	4562-1	1526251-2
3/8				4382	1526258-1	4382-1	1526258-2
3/8	1 11/16	49/64	13/32	4383	1526267-1	4383-1	1526267-2
1/2				4503	1526282-1	4503-1	1526282-2



SIGHT HOLES

10	1 1/2	17/32	9/32	4101-2	1526224-1	4101-3	1526224-2
1/4				4141-2	1526230-1	4141-3	1526230-2
5/16				4561-2	1526236-1	4561-3	1526236-2
3/8				4381-2	-	4381-3	1526243-2
5/16	1 17/32	5/8	5/16	4562-2	1526252-1	4562-3	1526252-2
3/8				4382-2	1526259-1	4382-3	1526259-2
3/8	1 11/16	49/64	13/32	4383-2	1526268-1	4383-3	1526268-2
1/2				4503-2	1526283-1	4503-3	1526283-2



45° ANGLES

10	1 1/2	17/32	9/32	4101-8-45	-	4101-9-45	-
1/4				4141-8-45	-	4141-9-45	-
5/16				4561-8-45	1526237-1	4561-9-45	1526237-2
3/8				4381-8-45	-	4381-9-45	-
5/16	1 17/32	5/8	5/16	4562-8-45	1526253-1	4562-9-45	-
3/8				4382-8-45	-	4382-9-45	-
3/8	1 11/16	49/64	13/32	4383-8-45	-	4383-9-45	1526272-2
1/2				4503-8-45	-	4503-9-45	1526284-2



90° ANGLES

10	1 1/2	17/32	9/32	4101-8-90	-	4101-9-90	-
1/4				4141-8-90	1526232-1	4141-9-90	1526232-2
5/16				4561-8-90	-	4561-9-90	-
3/8				4381-8-90	1526245-1	4381-9-90	-
5/16	1 17/32	5/8	5/16	4562-8-90	-	4562-9-90	-
3/8				4382-8-90	-	4382-9-90	-
3/8	1 11/16	49/64	13/32	4383-8-90	-	4383-9-90	1526273-2
1/2				4503-8-90	-	4503-9-90	1526285-2



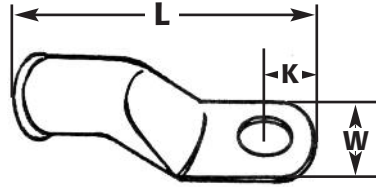
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#4 AWG Seamless Ring Lugs

Barrel ID .286"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
45° ANGLES WITH SIGHT HOLES							
10	1 1/2	17/32 A pad	15/64	4101-10-45	–	4101-11-45	–
1/4				4141-10-45	–	4141-11-45	–
5/16				4561-10-45	–	4561-11-45	–
3/8				4381-10-45	–	4381-11-45	–
5/16	1 17/32	5/8 B pad	5/16	4562-10-45	–	4562-11-45	–
3/8				4382-10-45	1526262-1	4382-11-45	–
3/8	1 11/16	49/64 C pad	13/32	4383-10-45	–	4383-11-45	–
1/2				4503-10-45	–	4503-11-45	–
90° ANGLES WITH SIGHT HOLES							
10	1 1/2	17/32 A pad	15/64	4101-10-90	–	4101-11-90	–
1/4				4141-10-90	–	4141-11-90	1526234-2
5/16				4561-10-90	1526240-1	4561-11-90	–
3/8				4381-10-90	–	4381-11-90	–
5/16	1 17/32	5/8 B pad	5/16	4562-10-90	–	4562-11-90	–
3/8				4382-10-90	–	4382-11-90	–
3/8	1 11/16	49/64 C pad	13/32	4383-10-90	–	4383-11-90	–
1/2				4503-10-90	–	4503-11-90	1526287-2
BUTT CONNECTOR – FLARED ENDS							
–	1 7/32	–	–	–	–	4001	1526963-2
BUTT CONNECTOR – CHAMFERED ENDS							
–	1 7/32	–	–	–	–	4001-20	1526981-2



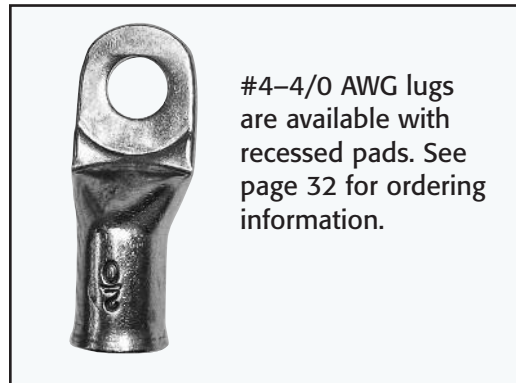
A pad



B pad



C pad



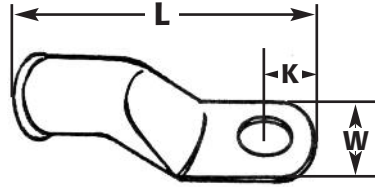
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#2 AWG Seamless Ring Lugs

Barrel ID .336"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
1/4	1 5/8	5/8 A pad	5/16	2141	1526290-1	2141-1	1526290-2
5/16				2561	1526397-1	2561-1	1526397-2
3/8				2381	1526405-1	2381-1	1526405-2
3/8	1 3/4	3/4 C pad	13/32	2383	1526415-1	2383-1	1526415-2
1/2				2503	1526431-1	2503-1	1526431-2
SIGHT HOLES							
1/4	1 5/8	5/8 A pad	5/16	2141-2	1526291-1	2141-3	1526291-2
5/16				2561-2	1526398-1	2561-3	1526398-2
3/8				2381-2	–	2381-3	1526406-2
3/8	1 3/4	3/4 C pad	13/32	2383-2	1526416-1	2383-3	1526416-2
1/2				2503-2	1526432-1	2503-3	1526432-2
45° ANGLES							
1/4	1 5/8	5/8 A pad	5/16	2141-8-45	–	2141-9-45	–
5/16				2561-8-45	1526399-1	2561-9-45	–
3/8				2381-8-45	–	2381-9-45	–
3/8	1 3/4	3/4 C pad	13/32	2383-8-45	–	2383-9-45	–
1/2				2503-8-45	–	2503-9-45	–
90° ANGLES							
1/4	1 5/8	5/8 A pad	5/16	2141-8-90	1526293-1	2141-9-90	1526293-2
5/16				2561-8-90	1526400-1	2561-9-90	1526400-2
3/8				2381-8-90	1526408-1	2381-9-90	–
3/8	1 3/4	3/4 C pad	13/32	2383-8-90	–	2383-9-90	–
1/2				2503-8-90	1526434-1	2503-9-90	1526434-2



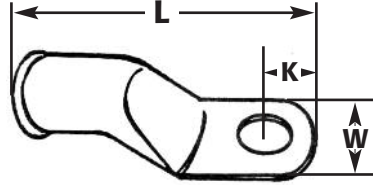
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#2 AWG Seamless Ring Lugs

Barrel ID .336"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545




STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
45° ANGLES WITH SIGHT HOLES							
1/4	15/8	5/8 A pad	5/16	2141-10-45	–	2141-11-45	–
5/16				2561-10-45	1526401-1	2561-11-45	1526401-2
3/8				2381-10-45	–	2381-11-45	–
3/8	13/4	3/4 C pad	13/32	2383-10-45	1526423-1	2383-11-45	–
1/2				2503-10-45	–	2503-11-45	–
90° ANGLES WITH SIGHT HOLES							
1/4	15/8	5/8 A pad	5/16	2141-10-90	–	2141-11-90	1526295-2
5/16				2561-10-90	1526402-1	2561-11-90	1526402-2
3/8				2381-10-90	–	2381-11-90	–
3/8	13/4	3/4 C pad	13/32	2383-10-90	–	2383-11-90	–
1/2				2503-10-90	1526436-1	2503-11-90	1526436-2
BUTT CONNECTOR – FLARED ENDS							
–	111/32	–	–	–	–	2001	1526965-2
BUTT CONNECTOR – CHAMFERED ENDS							
–	111/32	–	–	–	–	2001-20	1526982-2



A pad



C pad



#4–4/0 AWG lugs are available with recessed pads. See page 32 for ordering information.

Heavy-Duty Electrical Lugs

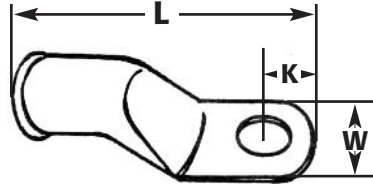
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#1 AWG Seamless Ring Lugs

Barrel ID .360"

Material: CDA 110 Electrical Grade Copper per ASTM B-152

Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
1/4	1 ^{23/32}	2 ^{1/32} A pad	1 ^{1/32}	1141	1526437-1	1141-1	1526437-2
5/16				1561	–	1561-1	–
3/8				1381	1526452-1	1381-1	1526452-2
1/2				1501	1526459-1	1501-1	1526459-2
3/8	1 ^{27/32}	3/4 C pad	1 ^{3/32}	1383	1526465-1	1383-1	1526465-2
1/2				1503	1526479-1	1503-1	1526479-2

SIGHT HOLES

1/4	1 ^{23/32}	2 ^{1/32} A pad	1 ^{1/32}	1141-2	–	1141-3	1526438-2
5/16				1561-2	1526443-1	1561-3	1526443-2
3/8				1381-2	1526453-1	1381-3	1526453-2
1/2				1501-2	–	1501-3	–
3/8	1 ^{27/32}	3/4 C pad	1 ^{3/32}	1383-2	1526466-1	1383-3	1526466-2
1/2				1503-2	1526480-1	1503-3	1526480-2

45° ANGLES

1/4	1 ^{23/32}	2 ^{1/32} A pad	1 ^{1/32}	1141-8-45	–	1141-9-45	–
5/16				1561-8-45	–	1561-9-45	–
3/8				1381-8-45	–	1381-9-45	1526454-2
1/2				1501-8-45	–	1501-9-45	–
3/8	1 ^{27/32}	3/4 C pad	1 ^{3/32}	1383-8-45	–	1383-9-45	–
1/2				1503-8-45	–	1503-9-45	1526486-2

90° ANGLES

1/4	1 ^{23/32}	2 ^{1/32} A pad	1 ^{1/32}	1141-8-90	–	1141-9-90	–
5/16				1561-8-90	–	1561-9-90	1526445-2
3/8				1381-8-90	1526455-1	1381-9-90	1526455-2
1/2				1501-8-90	–	1501-9-90	–
3/8	1 ^{27/32}	3/4 C pad	1 ^{3/32}	1383-8-90	–	1383-9-90	–
1/2				1503-8-90	–	1503-9-90	1526487-2



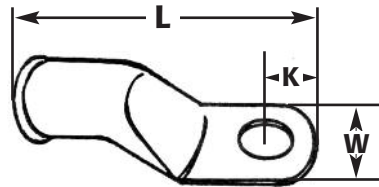
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#1 AWG Seamless Ring Lugs

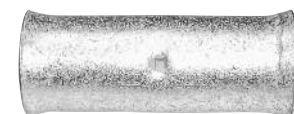
Barrel ID .360"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545




STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
45° ANGLES WITH SIGHT HOLES							
1/4	1 ^{23/32}	A pad	1 ^{11/32}	1141-10-45	–	1141-11-45	–
5/16				1561-10-45	–	1561-11-45	–
3/8				1381-10-45	–	1381-11-45	–
1/2				1501-10-45	–	1501-11-45	–
3/8	1 ^{27/32}	C pad	1 ^{33/32}	1383-10-45	–	1383-11-45	–
1/2				1503-10-45	–	1503-11-45	–
90° ANGLES WITH SIGHT HOLES							
1/4	1 ^{23/32}	A pad	1 ^{11/32}	1141-10-90	1526442-1	1141-11-90	1526442-2
5/16				1561-10-90	–	1561-11-90	1526447-2
3/8				1381-10-90	1526457-1	1381-11-90	–
1/2				1501-10-90	–	1501-11-90	–
3/8	1 ^{27/32}	C pad	1 ^{33/32}	1383-10-90	–	1383-11-90	–
1/2				1503-10-90	–	1503-11-90	–
BUTT CONNECTOR – FLARED ENDS							
–	1 ^{11/32}	–	–	–	–	1001	1526966-2
BUTT CONNECTOR – CHAMFERED ENDS							
–	1 ^{11/32}	–	–	–	–	1001-20	1526983-2



A pad



C pad



#4–4/0 AWG lugs are available with recessed pads. See page 32 for ordering information.

Heavy-Duty Electrical Lugs

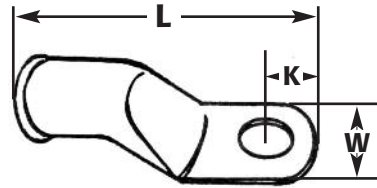
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#1/0 AWG Seamless Ring Lugs

Barrel ID .407"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
1/4	1 ^{27/32}	23/32 A pad	3/8	10141	1526490-1	10141-1	1526490-2
5/16				10561	1526596-1	10561-1	1526596-2
3/8				10381	1526704-1	10381-1	1526704-2
1/2				10501	1526713-1	10501-1	1526713-2
3/8	1 ^{29/32}	13/16 C pad	7/16	10383	1526719-1	10383-1	1526719-2
1/2				10503	1526731-1	10503-1	1526731-2
SIGHT HOLES							
1/4	1 ^{27/32}	23/32 A pad	3/8	10141-2	1526491-1	10141-3	1526491-2
5/16				10561-2	1526597-1	10561-3	1526597-2
3/8				10381-2	1526705-1	10381-3	1526705-2
1/2				10501-2	1526714-1	10501-3	1526714-2
3/8	1 ^{29/32}	13/16 C pad	7/16	10383-2	1526720-1	10383-3	1526720-2
1/2				10503-2	1526732-1	10503-3	1526732-2
45° ANGLES							
1/4	1 ^{27/32}	23/32 A pad	3/8	10141-8-45	–	10141-9-45	–
5/16				10561-8-45	–	10561-9-45	–
3/8				10381-8-45	1526706-1	10381-9-45	1526706-2
1/2				10501-8-45	–	10501-9-45	1526715-2
3/8	1 ^{29/32}	13/16 C pad	7/16	10383-8-45	–	10383-9-45	–
1/2				10503-8-45	–	10503-9-45	–
90° ANGLES							
1/4	1 ^{27/32}	23/32 A pad	3/8	10141-8-90	–	10141-9-90	–
5/16				10561-8-90	1526699-1	10561-9-90	–
3/8				10381-8-90	1526707-1	10381-9-90	1526707-2
1/2				10501-8-90	1526716-1	10501-9-90	1526716-2
3/8	1 ^{29/32}	13/16 C pad	7/16	10383-8-90	–	10383-9-90	–
1/2				10503-8-90	–	10503-9-90	–



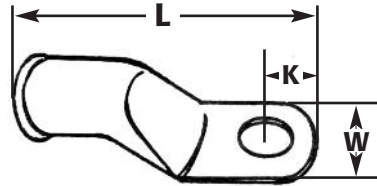
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#1/0 AWG Seamless Ring Lugs

Barrel ID .407"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



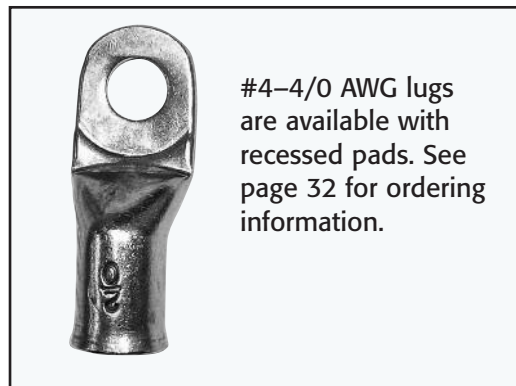
STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
45° ANGLES WITH SIGHT HOLES							
1/4	1 ^{27/32}	2 ^{3/32} A pad	3/8	10141-10-45	–	10141-11-45	–
5/16				10561-10-45	–	10561-11-45	–
3/8				10381-10-45	1526708-1	10381-11-45	–
1/2				10501-10-45	–	10501-11-45	–
3/8	1 ^{29/32}	1 ^{3/16} C pad	7/16	10383-10-45	1526726-1	10383-11-45	–
1/2				10503-10-45	1526735-1	10503-11-45	–
90° ANGLES WITH SIGHT HOLES							
1/4	1 ^{27/32}	2 ^{3/32} A pad	3/8	10141-10-90	–	10141-11-90	–
5/16				10561-10-90	–	10561-11-90	1526701-2
3/8				10381-10-90	1526457-1	10381-11-90	–
1/2				10501-10-90	–	10501-11-90	–
3/8	1 ^{29/32}	1 ^{3/16} C pad	7/16	10383-10-90	1526727-1	10383-11-90	–
1/2				10503-10-90	1526736-1	10503-11-90	–
BUTT CONNECTOR – FLARED ENDS							
–	1 ^{9/16}	–	–	–	–	10001	1526967-2
BUTT CONNECTOR – CHAMFERED ENDS							
–	1 ^{9/16}	–	–	–	–	10001-20	1526984-2



A pad



C pad



Heavy-Duty Electrical Lugs

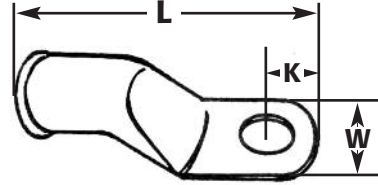
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#2/0 AWG Seamless Ring Lugs

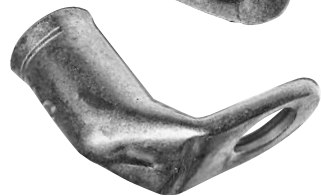
Barrel ID .461"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
1/4	2 1/16	1 3/16	7/16	20141	1526738-1	20141-1	1526738-2
5/16				20561	1526745-1	20561-1	1526745-2
3/8				20381	1526758-1	20381-1	1526758-2
1/2				20501	1526781-1	20501-1	1526781-2
SIGHT HOLES							
1/4	2 1/16	1 3/16	7/16	20141-2	1526739-1	20141-3	1526739-2
5/16				20561-2	1526746-1	20561-3	1526746-2
3/8				20381-2	1526759-1	20381-3	1526759-2
1/2				20501-2	1526782-1	20501-3	1526782-2
45° ANGLES							
1/4	2 1/16	1 3/16	7/16	20141-8-45	–	20141-9-45	–
5/16				20561-8-45	–	20561-9-45	1526747-2
3/8				20381-8-45	1526764-1	20381-9-45	1526764-2
1/2				20501-8-45	1526783-1	20501-9-45	1526783-2
90° ANGLES							
1/4	2 1/16	1 3/16	7/16	20141-8-90	–	20141-9-90	–
5/16				20561-8-90	–	20561-9-90	–
3/8				20381-8-90	1526769-1	20381-9-90	1526769-2
1/2				20501-8-90	1526784-1	20501-9-90	1526784-2
45° ANGLES WITH SIGHT HOLES							
1/4	2 1/16	1 3/16	7/16	20141-10-45	–	20141-11-45	–
5/16				20561-10-45	–	20561-11-45	–
3/8				20381-10-45	1526770-1	20381-11-45	–
1/2				20501-10-45	1526786-1	20501-11-45	–
90° ANGLES WITH SIGHT HOLES							
1/4	2 1/16	1 3/16	7/16	20141-10-90	1526743-1	20141-11-90	1526743-2
5/16				20561-10-90	1526751-1	20561-11-90	1526751-2
3/8				20381-10-90	1526772-1	20381-11-90	–
1/2				20501-10-90	1526788-1	20501-11-90	–
BUTT CONNECTOR – FLARED ENDS							
–	1 13/16	–	–	–	–	20001	1526968-2
BUTT CONNECTOR – CHAMFERED ENDS							
–	1 13/16	–	–	–	–	20001-20	1526985-2



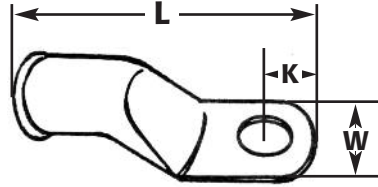
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#3/0 AWG Seamless Ring Lugs

Barrel ID .511"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
1/4	2 ⁵ / ₃₂	29 ³ / ₃₂	15 ¹ / ₃₂	30141	1526793-1	30141-1	1526793-2
5/16				30561	1526799-1	30561-1	1526799-2
3/8				30381	1526805-1	30381-1	1526805-2
1/2				30501	1526819-1	30501-1	1526819-2
SIGHT HOLES							
1/4	2 ⁵ / ₃₂	29 ³ / ₃₂	15 ¹ / ₃₂	30141-2	–	30141-3	1526794-2
5/16				30561-2	1526800-1	30561-3	1526800-2
3/8				30381-2	1526806-1	30381-3	1526806-2
1/2				30501-2	1526820-1	30501-3	1526820-2
45° ANGLES							
1/4	2 ⁵ / ₃₂	29 ³ / ₃₂	15 ¹ / ₃₂	30141-8-45	–	30141-9-45	–
5/16				30561-8-45	–	30561-9-45	–
3/8				30381-8-45	1526809-1	30381-9-45	–
1/2				30501-8-45	–	30501-9-45	–
90° ANGLES							
1/4	2 ⁵ / ₃₂	29 ³ / ₃₂	15 ¹ / ₃₂	30141-8-90	–	30141-9-90	1526796-2
5/16				30561-8-90	–	30561-9-90	–
3/8				30381-8-90	1526810-1	30381-9-90	1526810-2
1/2				30501-8-90	1526822-1	30501-9-90	1526822-2
45° ANGLES WITH SIGHT HOLES							
1/4	2 ⁵ / ₃₂	29 ³ / ₃₂	15 ¹ / ₃₂	30141-10-45	–	30141-11-45	–
5/16				30561-10-45	–	30561-11-45	–
3/8				30381-10-45	1526770-1	30381-11-45	–
1/2				30501-10-45	1526824-1	30501-11-45	–
90° ANGLES WITH SIGHT HOLES							
1/4	2 ⁵ / ₃₂	29 ³ / ₃₂	15 ¹ / ₃₂	30141-10-90	–	30141-11-90	–
5/16				30561-10-90	1526804-1	30561-11-90	–
3/8				30381-10-90	1526813-1	30381-11-90	–
1/2				30501-10-90	–	30501-11-90	–
BUTT CONNECTOR – FLARED ENDS							
–	1 ²⁹ / ₃₂	–	–	–	–	30001	1526969-2
BUTT CONNECTOR – CHAMFERED ENDS							
–	1 ²⁹ / ₃₂	–	–	–	–	30001-20	–



Heavy-Duty Electrical Lugs

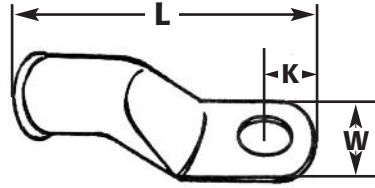
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#4/0 AWG Seamless Ring Lugs

Barrel ID .559"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
1/4	2 11/32	29/32	15/32	40141	1526830-1	40141-1	1526830-2
5/16				40561	1526837-1	40561-1	1526837-2
3/8				40381	1526844-1	40381-1	1526844-2
1/2				40501	1526852-1	40501-1	1526852-2
SIGHT HOLES							
1/4	2 11/32	29/32	15/32	40141-2	1526831-1	40141-3	1526831-2
5/16				40561-2	–	40561-3	1526838-2
3/8				40381-2	–	40381-3	1526845-2
1/2				40501-2	1526853-1	40501-3	1526853-2
45° ANGLES							
1/4	2 11/32	29/32	15/32	40141-8-45	–	40141-9-45	–
5/16				40561-8-45	–	40561-9-45	–
3/8				40381-8-45	–	40381-9-45	1526848-2
1/2				40501-8-45	1526854-1	40501-9-45	1526854-2
90° ANGLES							
1/4	2 11/32	29/32	15/32	40141-8-90	–	40141-9-90	–
5/16				40561-8-90	–	40561-9-90	–
3/8				40381-8-90	1526849-1	40381-9-90	1526849-2
1/2				40501-8-90	1526856-1	40501-9-90	1526856-2
45° ANGLES WITH SIGHT HOLES							
1/4	2 11/32	29/32	15/32	40141-10-45	–	40141-11-45	–
5/16				40561-10-45	–	40561-11-45	–
3/8				40381-10-45	–	40381-11-45	–
1/2				40501-10-45	1526857-1	40501-11-45	–
90° ANGLES WITH SIGHT HOLES							
1/4	2 11/32	29/32	15/32	40141-10-90	–	40141-11-90	–
5/16				40561-10-90	–	40561-11-90	–
3/8				40381-10-90	–	40381-11-90	–
1/2				40501-10-90	–	40501-11-90	–
BUTT CONNECTOR – FLARED ENDS							
–	2.000	–	–	–	–	40000	1526970-2
BUTT CONNECTOR – CHAMFERED ENDS							
–	2.000	–	–	–	–	40000-20	1526987-2



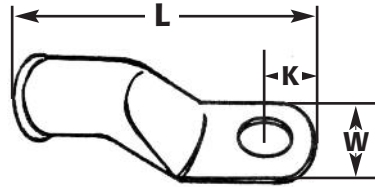
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#4/0 AWG Seamless Ring Lugs

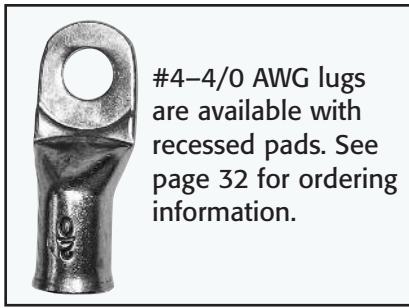
Barrel ID .590"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
3/8	225/64	1 1/32	17/32	40382	1526863-1	40382-1	1526863-2
1/2		B pad		40502	1526873-1	40502-1	1526873-2
5/8		40582		1526883-1	40582-1	1526883-2	
SIGHT HOLES							
3/8	225/64	1 1/32	17/32	40382-2	1526862-1	40382-3	1526862-2
1/2		B pad		40502-2	1526874-1	40502-3	1526874-2
5/8		40582-2		1526884-1	40582-3	1526884-2	
45° ANGLES							
3/8	225/64	1 1/32	17/32	40382-8-45	–	40382-9-45	–
1/2		B pad		40502-8-45	–	40502-9-45	–
5/8		40582-8-45		–	40582-9-45	–	
90° ANGLES							
3/8	225/64	1 1/32	17/32	40382-8-90	–	40382-9-90	–
1/2		B pad		40502-8-90	–	40502-9-90	1526878-2
5/8		40582-8-90		–	40582-9-90	–	
45° ANGLES WITH SIGHT HOLES							
3/8	225/64	1 1/32	17/32	40382-10-45	1526868-1	40382-11-45	–
1/2		B pad		40502-10-45	1526879-1	40502-11-45	–
5/8		40582-10-45		–	40582-11-45	–	
90° ANGLES WITH SIGHT HOLES							
3/8	225/64	1 1/32	17/32	40382-10-90	–	40382-11-90	–
1/2		B pad		40502-10-90	1526880-1	40502-11-90	–
5/8		40582-10-90		–	40582-11-90	–	
BUTT CONNECTOR – FLARED ENDS							
–	2.000	–	–	–	–	40001	1526971-2
BUTT CONNECTOR – CHAMFERED ENDS							
–	2.000	–	–	–	–	40001-20	–



#4–4/0 AWG lugs are available with recessed pads. See page 32 for ordering information.

Heavy-Duty Electrical Lugs

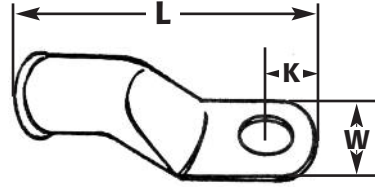
Heavy-Duty Electrical Lugs – Crimp or Solder Type

#4/0 AWG Seamless Ring Lugs

Barrel ID .625"

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

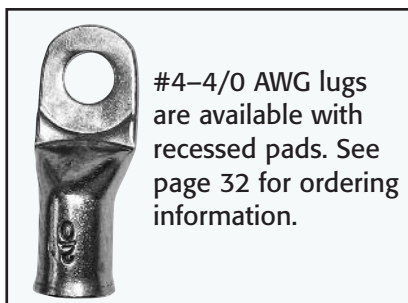
Plating: Tin per ASTM B-545



STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
3/8	2 15/32	1 3/32 C pad	9/16	40383	1526892-1	40383-1	1526892-2
1/2				40503	1526911-1	40503-1	1526911-2
5/8				40583	1526922-1	40583-1	1526922-2
SIGHT HOLES							
3/8	2 15/32	1 3/32 C pad	9/16	40383-2	1526893-1	40383-3	1526893-2
1/2				40503-2	1526912-1	40503-3	1526912-2
5/8				40583-2	1526923-1	40583-3	1526923-2
45° ANGLES							
3/8	2 15/32	1 3/32 C pad	9/16	40383-8-45	1526896-1	40383-9-45	–
1/2				40503-8-45	1526913-1	40503-9-45	–
5/8				40583-8-45	–	–	1526848-2
90° ANGLES							
3/8	2 15/32	1 3/32 C pad	9/16	40383-8-90	–	40383-9-90	–
1/2				40503-8-90	1526914-1	40503-9-90	1526914-2
5/8				40583-8-90	–	40583-9-90	–
45° ANGLES WITH SIGHT HOLES							
3/8	2 15/32	1 3/32 C pad	9/16	40383-10-45	1526899-1	40383-11-45	1526899-2
1/2				40503-10-45	1526916-1	40503-11-45	–
5/8				40583-10-45	–	40583-11-45	–
90° ANGLES WITH SIGHT HOLES							
3/8	2 15/32	1 3/32 C pad	9/16	40383-10-90	1526901-1	40383-11-90	1526901-2
1/2				40503-10-90	1526918-1	40503-11-90	1526918-2
5/8				40583-10-90	–	40583-11-90	–
BUTT CONNECTOR – FLARED ENDS							
–	2.000	–	–	–	–	40002	1526972-2
BUTT CONNECTOR – CHAMFERED ENDS							
–	2.000	–	–	–	–	40002-20	1526989-2



Heavy-Duty Electrical Lugs



#4–4/0 AWG lugs are available with recessed pads. See page 32 for ordering information.

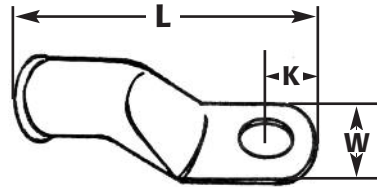
Heavy-Duty Electrical Lugs – Crimp or Solder Type

250 MCM Seamless Ring Lugs

Barrel ID .685

Material: CDA 110 Electrical Grade Copper
per ASTM B-152

Plating: Tin per ASTM B-545



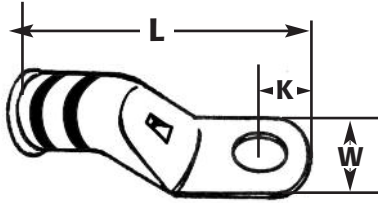
STUD SIZE	L	W	K	PLAIN COPPER		TIN PLATED	
				Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
3/8	2 21/32	1 13/64	19/32	250381	1526928-1	250381-1	1526928-2
1/2				250501	1526934-1	250501-1	1526934-2
5/8				250581	1526941-1	250581-1	1526941-2
SIGHT HOLES							
3/8	2 21/32	1 13/64	19/32	250381-2	1526929-1	250381-3	1526929-2
1/2				250501-2	–	250501-3	–
5/8				250581-2	–	250581-3	–
45° ANGLES							
3/8	2 21/32	1 13/64	19/32	250381-8-45	–	250381-9-45	–
1/2				250501-8-45	–	250501-9-45	–
5/8				250581-8-45	1526943-1	250581-9-45	1526943-2
90° ANGLES							
3/8	2 21/32	1 13/64	19/32	250381-8-90	–	250381-9-90	–
1/2				250501-8-90	–	250501-9-90	1526937-2
5/8				250581-8-90	–	250581-9-90	–
45° ANGLES WITH SIGHT HOLES							
3/8	2 21/32	1 13/64	19/32	250381-10-45	–	250381-11-45	–
1/2				250501-10-45	–	250501-11-45	–
5/8				250581-10-45	1526945-1	250581-11-45	1526945-2
90° ANGLES WITH SIGHT HOLES							
3/8	2 21/32	1 13/64	19/32	250381-10-90	–	250381-11-90	–
1/2				250501-10-90	–	250501-11-90	–
5/8				250581-10-90	1526946-1	250581-11-90	1526946-2



Heavy-Duty Electrical Lugs

Industrial Electrical Lugs and Connectors

Industrial Electrical Lugs



ETP Copper
CDA - 110
per ASTM B-152

600 Volt Application

Color coded

Tin plated per ASTM B-545

Sight hole

Flared ends

Made from ETP
(electrolytic tough pitch)
copper for 100% conductivity

Color coded to identify correct
dies on crimping tools



A pad



B pad



C pad



Gauge/I.D./Color Code	Stud Size	Dimensions (")			Catalog No.	Old Tyco No.
		L	W	K		
#8 AWG .185" I.D. Red Color Code	10	1 3/16	7/16 A pad	15/64	8101-60	1527115-3
	1/4				8141-60	1527117-3
	1/4	1 5/16	19/32 B pad	5/16	8142-60	1527119-3
	5/16				8562-60	1527120-3
	3/8				8382-60	1527121-3
	3/8	1 15/32	49/64 C pad	13/32	8383-60	1527122-3
1/2	8503-60				1527123-3	
#6 AWG .232" I.D. Blue Color Code	10	1 9/32	7/16 A pad	15/64	6101-60	1527124-3
	1/4				6141-60	1527125-3
	1/4	1 13/32	19/32 B pad	5/16	6142-60	1527126-3
	5/16				6562-60	1527127-3
	3/8				6382-60	1527128-3
	3/8	1 9/16	49/64 C pad	13/32	6383-60	1527129-3
1/2	6503-60				1527130-3	
#4 AWG .286" I.D. Grey Color Code	10	1 1/2	17/32 A pad	9/32	4101-60	1527131-3
	1/4				4141-60	1527132-3
	5/16	1 17/32	5/8 B pad	5/16	4562-60	1527135-3
	3/8				4382-60	1527136-3
	3/8				4383-60	1527137-3
	1/2	1 11/16	49/64 C pad	13/32	4503-60	1527138-3
#2 AWG .336" I.D. Brown Color Code	1/4	1 5/8	5/8 A pad	5/16	2141-60	1527139-3
	5/16				2561-60	1527140-3
	3/8				2381-60	1527141-3
	3/8	1 3/4	3/4 C pad	13/32	2383-60	1527142-3
	1/2				2503-60	1527143-3
	1/2				1141-60	1527144-3
#1 AWG .360" I.D. Green Color Code	1/4	1 23/32	21/32 A pad	11/32	1561-60	1527096-3
	5/16				1381-60	1527146-3
	3/8				1383-60	1527147-3
	3/8	1 27/32	3/4 C pad	13/32	1503-60	1527148-3
	1/2				10141-60	1527149-3
	1/2				10561-60	1527150-3
1/0 AWG .407" I.D. Pink Color Code	5/16	1 27/32	23/32	3/8	10381-60	1527151-3
	3/8				10501-60	1527152-3
	1/2				10383-60	1527153-3
	3/8	1 29/32	13/16	7/16	10503-60	1527154-3
	1/2				20141-60	1527155-3
	1/2				20561-60	1527156-3
2/0 AWG .461" I.D. Black Color Code	1/4	2 1/16	13/16	7/16	20381-60	1527157-3
	5/16				20501-60	1527158-3
	3/8				30141-60	1527159-3
	1/2				30561-60	1527160-3
3/0 AWG .511" I.D. Orange Color Code	5/16	2 5/32	29/32	15/32	30381-60	1527161-3
	3/8				30501-60	1527162-3
	1/2				40141-60	1527163-3
	1/2				40561-60	1527164-3
4/0 AWG .559" I.D. Purple Color Code	1/4	2 11/32	63/64	1/2	40381-60	1527165-3
	5/16				40501-60	1527166-3
	3/8					
	1/2					

Industrial Electrical Butt Connectors



**ETP Copper
CDA - 110
per ASTM B-152**

600 Volt Application

Color coded

Tin plated per ASTM B-545

Flared ends

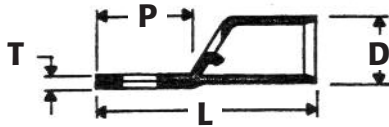
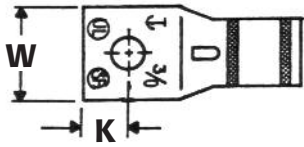
Made from ETP
(electrolytic tough pitch)
copper for 100% conductivity

Color coded to identify correct
dies on crimping tools

AWG	COLOR CODE	A (I.D.)	L	Catalog No.	Old Tyco No.
8	Red	.185	$3\frac{1}{32}$	8001-25	1526990-3
6	Blue	.232	$1\frac{1}{16}$	6001-25	1526991-3
4	Grey	.286	$1\frac{7}{32}$	4001-25	1526992-3
2	Brown	.336	$1\frac{11}{32}$	2001-25	1526993-3
1	Green	.360	$1\frac{11}{32}$	1001-25	1526994-3
1/0	Pink	.407	$1\frac{9}{16}$	10001-25	1526995-3
2/0	Black	.461	$1\frac{13}{16}$	20001-25	1526996-3
3/0	Orange	.511	$1\frac{29}{32}$	30001-25	1526997-3
4/0	Purple	.559	2	40001-25	1526998-3

Copper Compression Lugs

Standard Barrel – One Hole



600 Volt Application

High conductivity

Wrought copper per
ASTM B-75

Electro-tin plate
to minimize corrosion per
ASTM B-545

Color code designates cable
size and tool-setting die

Chamfered ends permit easy
cable insertion



AWG	Stud Size	Color Code	Dimensions in Inches						Catalog No.	Old Tyco No.		
			L	W	P	K	D	T				
8	10	Red	1 5/16	11/32	9/16	1/4	1/4	5/64	8107	1527208-3		
	1/4			15/32					17/64	8147	1527209-3	
6	10	Blue	1 15/64	11/32	19/32	1/4	9/32	5/64	6107	1527210-3		
	1/4			17/32					5/16	3/32	6147	1527211-3
	5/16										6567	1527214-3
4	10	Grey	1 13/32	1/2	45/64	13/32	23/64	7/64	4107	1527215-3		
	1/4								3/8	4147	1527216-3	
	5/16									4567	1527217-3	
	3/8									4387	1527219-3	
2	1/4	Brown	1 19/32	39/64	13/16	11/32	7/16	1/8	2147	1527220-3		
	5/16								2567	1527221-3		
	3/8								2387	1527222-3		
1	1/4	Green	1 27/32	11/16	31/32	13/32	31/64	9/64	1147	1527225-3		
	5/16								1567	1527226-3		
	3/8								1387	1527227-3		
	1/2								1507	1527228-3		
1/0	1/4	Pink	2 1/64	49/64	1	29/64	17/32	9/64	10147	1527229-3		
	5/16								10567	1527230-3		
	3/8								10387	1527231-3		
	1/2								10507	1527232-3		
2/0	1/4	Black	2 1/8	53/64	1	29/64	37/64	9/64	20147	1527233-3		
	5/16								20567	1527234-3		
	3/8								20387	1527235-3		
	1/2								20507	1527237-3		
3/0	1/4	Orange	2 1/4	29/32	1	29/64	5/8	9/64	30147	1527238-3		
	5/16								30567	1527240-3		
	3/8								30387	1527242-3		
	1/2								30507	1527243-3		
4/0	1/4	Purple	2 11/32	1 1/64	1	29/64	45/64	5/32	40147	1527244-3		
	5/16								40567	–		
	3/8								40387	1527247-3		
	1/2								40507	1527249-3		
250 MCM	5/16	Yellow	2 5/8	1 9/64	1 5/32	1/2	25/32	3/16	250567	–		
	3/8								250387	1527251-3		
	1/2								250507	1527253-3		
	5/8								250587	–		
300 MCM	3/8	White	2 13/16	17/32	1 7/32	9/16	27/32	3/16	300387	1527255-3		
	1/2								300507	1527256-3		
	5/8								300587	1527258-3		
350 MCM	3/8	Red	3	1 5/16	1 1/4	9/16	29/32	13/64	350387	1527259-3		
	1/2								350507	1527260-3		
	5/8								350587	1527261-3		
400 MCM	3/8	Blue	3 3/32	1 13/32	1 9/32	9/16	31/32	7/32	400387	1527266-3		
	1/2								400507	1527263-3		
	5/8								400587	–		
500 MCM	3/8	Brown	3 11/32	1 37/64	1 5/16	9/16	1 3/32	1/4	500387	1527267-3		
	1/2								500507	1527268-3		
	5/8								500587	1527270-3		

Standard Barrel – Two Hole

600 Volt Application

High conductivity

Wrought copper per
ASTM B-75

Two holes to prevent
turning on the bus bar

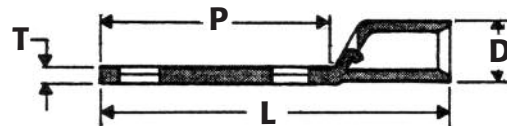
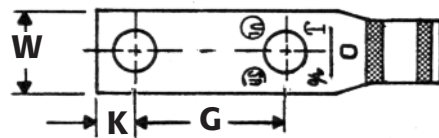
Electro-tin plate
to minimize corrosion
per ASTM B-545

Color code designates
cable size and
tool-setting die

Chamfered ends permit
easy cable insertion

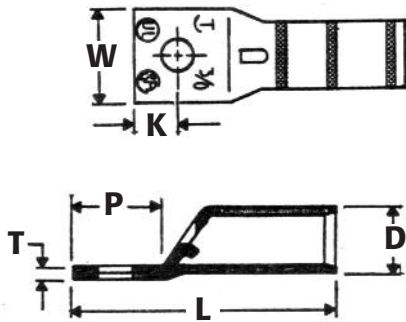


AWG	Stud Size	Color Code	Dimensions in Inches							Catalog No.	Old Tyco No.	
			L	W	P	K	D	T	G			
8	10	Red	1 3/4	1 1/32	1 5/32		1/4			2-8107	1527272-3	
6	1/4	Blue	1 29/32	1 3/32	1 9/32	1/4	9/32	5/64	5/8	2-6147	1527273-3	
4	1/4	Grey	2	1/2	1 9/32	5/16	23/64	7/64	5/8	2-4147	1527277-3	
	5/16											2-4567
2	1/4	Brown	2 3/32	39/64	1 5/16	5/16	7/16	1/8	5/8	2-2147	1527279-3	
	5/16		2 7/32		1 7/16				3/4	2-2567	1527280-3	
1	1/4	Green	2 1/4	1 1/16	1 11/32	5/16	3 1/64	9/64	5/8	2-1147	1527281-3	
	5/16		2 3/8		1 15/32				3/4	2-1567	1527283-3	
1/0	5/16	Pink	2 11/16	49/64	1 11/16	1 1/32	17/32	9/64	7/8	2-10567	1527284-3	
	3/8		2 29/32		1 29/32				1 3/32	1	2-10387	1527285-3
2/0	5/16	Black	2 29/32	53/64	1 25/32	1 1/32	37/64	9/64	1	2-20567	1527286-3	
	3/8		2 29/32		1 25/32				1 1/32	1 3/4	2-20387	1527287-3
	1/2		3 13/16		2 11/16				2 9/64	1 3/4	2-20507	1527288-3
3/0	5/16	Orange	3 7/32	29/32	1 31/32	29/64	5/8	9/64	1	2-30567	-	
	3/8		3 31/32		2 23/32				1 3/4	2-30387	1527291-3	
	1/2		3 31/32		2 23/32				1 3/4	2-30507	1527293-3	
4/0	3/8	Purple	3 11/32	1 1/64	1 31/32	29/64	45/64	5/32	1	2-40387	1527294-3	
	1/2		4 1/8		2 3/4				1 3/4	2-40507	1527296-3	
250 MCM	3/8	Yellow	3 7/16	1 9/64	1 31/32	29/64	25/32	3/16	1	2-250387	1527297-3	
	1/2		4 1/4		2 25/32				1/2	1 3/4	2-250507	1527298-3
300 MCM	3/8	White	3 19/32	1 7/32	2 1/64	29/64	27/32	3/16	1	2-300387	1527300-3	
	1/2		4 31/32		2 13/16				1/2	1 3/4	2-300507	1527301-3
350 MCM	3/8	Red	3 23/32	1 5/16	1 31/32	29/64	29/32	13/64	1	2-350387	1527302-3	
	1/2		4 9/16		2 13/16				1/2	1 3/4	2-350507	1527303-3
400 MCM	3/8	Blue	3 13/16	1 13/32	2	29/64	31/32	7/32	1	2-400387	1527304-3	
	1/2		4 21/32		2 27/32				1/2	1 3/4	2-400507	1527305-3
500 MCM	3/8	Brown	4 1/16	1 37/64	2	29/64	1 3/32	1/4	1	2-500387	1527306-3	
	1/2		4 29/32		2 7/8				1/2	1 3/4	2-500507	1527307-3



Copper Compression Lugs

Long Barrel – One Hole



600 Volt Application

High conductivity

Wrought copper per
ASTM B-75

Electro-tin plate
to minimize corrosion per
ASTM B-545

Long barrel permits two
crimps to accommodate
heavy loads

Color code designates cable
size and tool-setting die

Chamfered ends permit easy
cable insertion

AWG	Stud Size	Color Code	Dimensions in Inches						Catalog No.	Old Tyco No.
			L	W	P	K	D	T		
8	10	Red	1 ²¹ / ₃₂	1 ¹ / ₃₂	2 ¹ / ₃₂	1/4	1/4	5/64	L-8107	1527309-3
6	1/4	Blue	1 ⁴⁵ / ₆₄	1 ³ / ₃₂	2 ¹ / ₃₂	1/4	1/4	5/64	L-6147	1527311-3
4	1/4	Grey	1 ³ / ₄	1/2	4 ⁵ / ₆₄	1 ⁹ / ₆₄	2 ³ / ₆₄	7/64	L-4147	1527313-3
	L-2147									
2	1/4	Brown	2 ¹ / ₁₆	3 ⁹ / ₆₄	5 ¹ / ₆₄	1 ¹ / ₃₂	7/16	1/8	L-2567	1527318-3
	L-2387								1527315-3	
1	1/4	Green	2 ² / ₃₂	1 ¹ / ₁₆	1 ³ / ₁₆	1 ¹ / ₃₂	3 ¹ / ₆₄	9/64	L-1147	1527320-3
	L-1567								1527321-3	
1/0	3/8	Pink	2 ¹¹ / ₃₂	4 ⁹ / ₆₄	1 ⁵ / ₁₆	1 ³ / ₃₂	1 ⁷ / ₃₂	9/64	L-10567	1527322-3
	L-10387								1527324-3	
2/0	1/2	Black	2 ¹ / ₂	5 ³ / ₆₄	1 ⁵ / ₆₄	2 ⁹ / ₆₄	3 ⁷ / ₆₄	9/64	L-10507	1527323-3
	L-20567								1527589-3	
3/0	3/8	Orange	2 ⁴⁵ / ₆₄	2 ⁹ / ₃₂	1 ⁵ / ₃₂	2 ⁹ / ₆₄	5/8	9/64	L-20387	1527325-3
	L-20507								1527326-3	
4/0	1/2	Purple	3 ³ / ₆₄	1 ¹ / ₆₄	1 ¹³ / ₆₄	1/2	4 ⁵ / ₆₄	5/32	L-30567	1527590-3
	L-30387								1527327-3	
250 MCM	3/8	Yellow	3 ¹¹ / ₃₂	1 ⁹ / ₆₄	1 ¹ / ₄	1/2	2 ⁵ / ₃₂	3/16	L-30507	1527328-3
	L-40567								1527593-3	
300 MCM	1/2	White	3 ¹ / ₂	1 ⁷ / ₃₂	1 ¹⁷ / ₆₄	1/2	2 ⁷ / ₃₂	3/16	L-40387	1527329-3
	L-250507								1527330-3	
350 MCM	3/8	Red	3 ⁴⁵ / ₆₄	1 ⁵ / ₁₆	1 ⁵ / ₁₆	9/16	2 ⁹ / ₃₂	1 ³ / ₆₄	L-250567	–
	L-300387								1527331-3	
400 MCM	1/2	Blue	3 ²⁹ / ₃₂	1 ¹³ / ₃₂	1 ²⁷ / ₆₄	9/16	3 ¹ / ₃₂	7/32	L-250507	1527332-3
	L-300507								1527333-3	
500 MCM	3/8	Brown	4 ¹ / ₂	1 ³⁷ / ₆₄	1 ⁷ / ₁₆	9/16	1 ³ / ₃₂	1/4	L-350387	1527336-3
	L-350507								1527337-3	
500 MCM	1/2	Brown	4 ¹ / ₂	1 ³⁷ / ₆₄	1 ⁷ / ₁₆	9/16	1 ³ / ₃₂	1/4	L-400387	–
	L-400507								1527340-3	
500 MCM	3/8	Brown	4 ¹ / ₂	1 ³⁷ / ₆₄	1 ⁷ / ₁₆	9/16	1 ³ / ₃₂	1/4	L-500387	1527341-3
	L-500507								1527343-3	

Copper Compression Lugs



Long Barrel – Two Hole

600 Volt Application

High conductivity

Wrought copper per
ASTM B-75

Two holes to prevent
turning on the bus bar

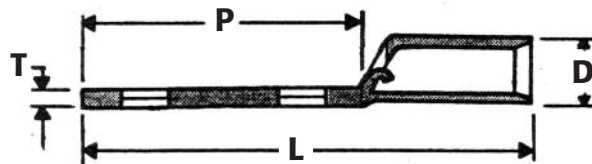
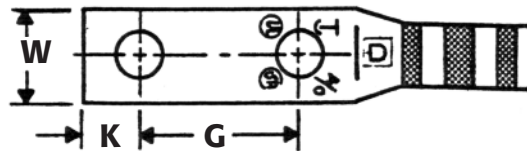
Long barrel permits
two crimps to
accommodate
heavy loads

Electro-tin plate
to minimize corrosion
per ASTM B-545

Color code designates
cable size and
tool-setting die

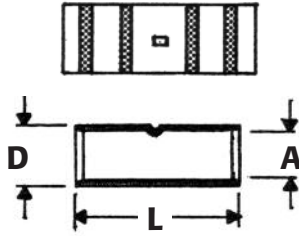
Chamfered ends permit
easy cable insertion

AWG	Stud Size	Color Code	Dimensions in Inches							Catalog No.	Old Tyco No.
			L	W	P	K	D	T	G		
8	10	Red	2 1/4	1 1/32	1 17/64	1/4	1/4	5/64	5/8	L2-8107	1527344-3
6	1/4	Blue	2 5/16	1 3/32	1 9/32	1/4	9/32	5/64	5/8	L2-6147	1527347-3
4	1/4	Grey	2 1 1/32	1 1/2	1 5/16	5/16	2 3/64	7/64	5/8	L2-4147	1527351-3
2	1/4	Brown	2 1 3/16	5/8	1 17/32	1 1/32	7/16	1/8	3/4	L2-2147	1527353-3
	5/16									L2-2567	1527355-3
1	1/4	Green	3 3/32	1 1/16	1 3/4	1 1/32	3 1/64	9/64	3/4	L2-1147	-
	5/16									L2-1567	1527357-3
1/0	5/16	Pink	3 7/32	4 9/64	1 13/16	1 3/32	1 7/32	9/64	3/4	L2-10567	1527358-3
	3/8									L2-10387	1527359-3
2/0	3/8	Black	4 1/2	5 3/64	3 1/16	5/8	3 7/64	9/64	1 3/4	L2-20387	1527360-3
	1/2									L2-20507	1527361-3
3/0	3/8	Orange	4 2 1/32	2 9/32	3 3/32	5/8	5/8	9/64	1 3/4	L2-30387	1527362-3
	1/2									L2-30507	1527363-3
4/0	3/8	Purple	4 3 1/32	1 1/64	3 3/32	5/8	4 5/64	5/32	1 3/4	L2-40387	1527364-3
	1/2									L2-40507	1527365-3
250 MCM	3/8	Yellow	5 7/32	1 9/64	3 3/32	5/8	2 5/32	3/16	1 3/4	L2-250387	1527366-3
	1/2									L2-250507	1527367-3
300 MCM	3/8	White	5 1 1/32	1 7/32	3 1/8	5/8	2 7/32	3/16	1 3/4	L2-300387	1527369-3
	1/2									L2-300507	1527370-3
350 MCM	3/8	Red	5 1/2	1 5/16	3 1/8	5/8	2 9/32	1 3/64	1 3/4	L2-350387	1527371-3
	1/2									L2-350507	1527373-3
400 MCM	3/8	Blue	5 1 9/32	1 1 3/32	3 1/8	5/8	3 1/32	7/32	1 3/4	L2-400387	1527374-3
	1/2									L2-400507	1527375-3
500 MCM	3/8	Brown	6 7/32	1 3 7/64	3 5/32	5/8	1 3/32	1/4	1 3/4	L2-500387	1527377-3
	1/2									L2-500507	1527378-3



Copper Compression Lugs

Standard Barrel Connectors



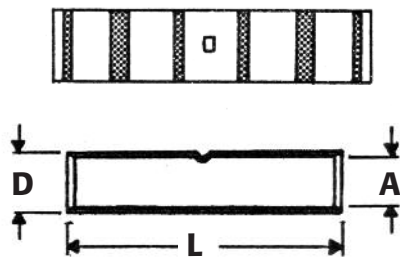
600 Volt Application

- High conductivity
- Wrought copper per ASTM B-75
- Seamless construction
- Tin plating per ASTM B-545

Color code designates cable size and tool-setting die
Chamfered ends permit easy cable insertion

AWG	Color Code	Dimensions in Inches			Catalog No.	Old Tyco No.
		L	D	A (I.D.)		
8	Red	1	1/4	11/64	8007	1527379-3
6	Blue	1	9/32	13/64	6007	1527380-3
4	Grey	1	23/64	1/4	4007	1527381-3
2	Brown	1 1/4	7/16	5/16	2007	1527382-3
1	Green	1 7/16	31/64	11/32	1007	1527383-3
1/0	Pink	1 7/16	17/32	25/64	10007	1527384-3
2/0	Black	1 9/16	37/64	7/16	20007	1527385-3
3/0	Orange	1 11/16	5/8	31/64	30007	1527386-3
4/0	Purple	1 13/16	45/64	35/64	40007	1527387-3
250 MCM	Yellow	2 3/16	25/32	19/32	250007	1527388-3
300 MCM	White	2 3/16	27/32	21/32	300007	1527389-3
350 MCM	Red	2 3/16	29/32	45/64	350007	1527390-3
400 MCM	Blue	2 3/4	31/32	3/4	400007	1527264-3
500 MCM	Brown	2 3/4	1 3/32	27/32	500007	1527392-3

Long Barrel Connectors



AWG	Color Code	Dimensions in Inches			Catalog No.	Old Tyco No.
		L	D	A (I.D.)		
8	Red	2	1/4	11/64	L-8007	1527393-3
6	Blue	2	9/32	13/64	L-6007	1527394-3
4	Grey	2	23/64	1/4	L-4007	1527395-3
2	Brown	2	7/16	5/16	L-2007	1527397-3
1	Green	2 1/4	31/64	11/32	L-1007	1527398-3
1/0	Pink	2 1/4	17/32	25/64	L-10007	1527399-3
2/0	Black	2 3/8	37/64	7/16	L-20007	1527400-3
3/0	Orange	2 1/2	5/8	31/64	L-30007	1527401-3
4/0	Purple	3	45/64	35/64	L-40007	1527402-3
250 MCM	Yellow	3 5/8	25/32	19/32	L-250007	1527403-3
300 MCM	White	3 11/16	27/32	21/32	L-300007	1527404-3
350 MCM	Red	3 15/16	29/32	45/64	L-350007	1527405-3
400 MCM	Blue	3 15/16	31/32	3/4	L-400007	1527406-3
500 MCM	Brown	4 15/16	1 3/32	27/32	L-500007	1527407-3

Heavy Duty Starter/Battery Lugs & Connectors

Super Lugs

Highest conductivity and greatest crank force

Made from 99.9% copper per ASTM B-75

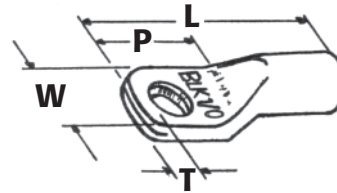
Heavier wall thickness and wider pads for greater heat sink

Electro-tin plate to minimize corrosion per ASTM B-545

Longer barrels for double crimping when necessary

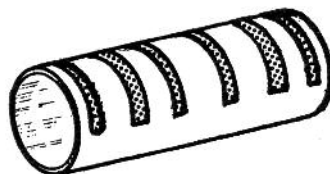
Color code designates cable size and tool setting die

AWG	Stud Size	Optional Color Code	Dimensions in Inches					Tin Plated		Tin & Color Coded	
			I.D.	L	W	P	T	Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
6	1/4	Blue	.226	1.45	.55	.68	.1	6149	—	6149-CC	—
	5/16							6569	—	6569-CC	—
	3/8							6389	—	6389-CC	—
4	1/4	Grey	.252	1 13/16	1/2	29/32	7/64	4149	1526000-2	4149-CC	1526003-3
	5/16							4569	1526005-2	4569-CC	1526006-3
	3/8				4389	1526007-2	4389-CC	1526012-3			
2	1/4	Green	.352	2 3/32	1 1/16	1	9/64	2149	1526013-2	2149-CC	1526014-3
	5/16							2569	1526015-2	2569-CC	1526016-3
	3/8							2389	1526017-2	2389-CC	1526022-3
1	1/4	Pink	.393	2 5/32	2 5/32	1	5/32	1149	1526023-2	1149-CC	1526025-3
	5/16							1569	1526026-2	1569-CC	1526027-3
	3/8							1389	1526028-2	1389-CC	1526033-3
1/0	1/2	Black	.443	2 13/64	2 7/32	1	5/32	1509	1526034-2	1509-CC	1526039-3
	3/8							10389	1526041-2	10389-CC	1526046-3
2/0	1/2	Orange	.490	2 1/4	1 5/16	1	3/16	10509	1526047-2	10509-CC	1526052-3
	3/8							20389	1526055-2	20389-CC	1526060-3
3/0	1/2	Purple	.548	2 1/2	1 1/32	1	3/16	20509	1526061-2	20509-CC	1526066-3
	3/8							30389	1526070-2	30389-CC	1526075-3
4/0	1/2	Yellow	.600	2 21/32	1 9/64	1 3/32	3/16	30509	1526076-2	30509-CC	1526081-3
	3/8							40389	1526083-2	40389-CC	1526088-3
								40509	1526089-2	40509-CC	1526094-3



Super Butt Connectors

AWG	Dimensions in Inches			Tin Plated		Tin & Color Coded	
	I.D.	L	Wall	Catalog No.	Old Tyco No.	Catalog No.	Old Tyco No.
6	.226	1.45	.060	6009	—	6009-CC	—
4	.252	1 13/16	.054	4009	1526095-2	4009-CC	1526096-3
2	.352	2 3/32	.067	2009	1526097-2	2009-CC	1526098-3
1	.393	2 5/32	.080	1009	1526099-2	1009-CC	1526100-3
1/0	.443	2 3/16	.080	10009	1526101-2	10009-CC	1526102-3
2/0	.490	2 1/4	.090	20009	1526103-2	20009-CC	1526104-3
3/0	.548	2 1/2	.090	30009	1526105-2	30009-CC	1526106-3
4/0	.600	2 21/32	.093	40009	1526107-2	40009-CC	1526108-3



Copper Compression Connectors

System Crimping Tools

T-640 Crimpace



Economical hammer crimp design

Length – 6 $\frac{1}{2}$ "

Weight – 1 lb. (approx.)

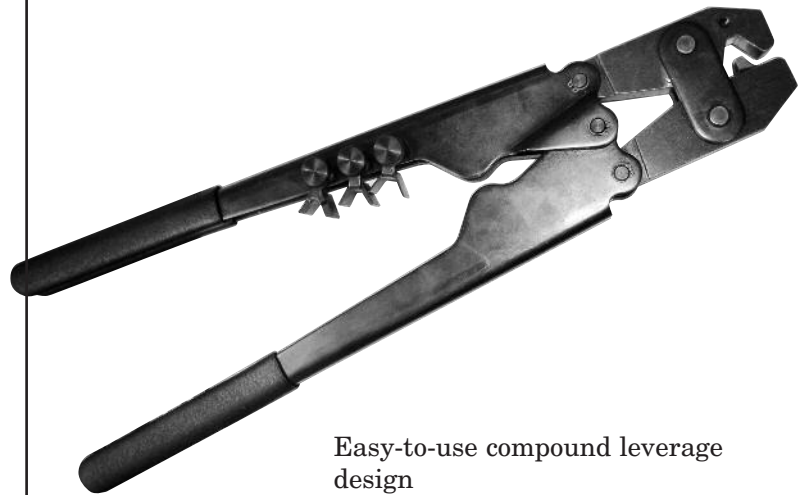
Features

- Eight crimping slots for 6 to 4/0 gauge lugs, terminals, and connectors.
- Custom-designed crimp nest for each lug, terminal, and connector.
- Automatic self-orienting crimp location.
- Spring action to hold lug, terminal, or connector firmly in place.
- Positive stop to assure consistent crimp results. Insulation of wire acts as locator on lug crimps.
- May be used with hammer or vise.
- Crimped part is easily removed from tool.
- Trouble-free compact design.
- Lightweight, heavy-duty tool.

Ordering information

T-640 Crimpace

T-406 Crimper



Easy-to-use compound leverage design

Length – 17 $\frac{3}{4}$ "

Weight – 63 oz. (3 lb. 15 oz.)



Cross-sectioned terminal showing how crimp fuses conductor with terminal barrel.

Features

- Heat-treated components for strength and wear resistance.
- Crimps battery terminals, splices, and heavy-duty rings—6 gauge through 4/0.
- Used by Underwriters Laboratories to obtain AET terminal listing. File No. E82914—Applications up to 600 volts.
- Unique system of die-insert shims reduces cost, size, and weight. Shims are retained in handle to prevent loss.
- Compound leverage design and precision calibration allow an easy, perfect crimp every time.
- Indent crimp die provides maximum-strength crimps that exceed Underwriters Laboratories cable pullout requirements.

Ordering information

T-406 Crimper

Lug Assortments

Featuring Flared Lugs

Now you can perform most lug jobs right on the spot with two new portable lug kits from Electric Motion. These kits, the AT-50 and AT-100, each feature a rugged carrying case filled with an assortment of the most popular lugs for solder or crimp connections. The bright dipped lugs, varying in size from 6 AWG to 4/0 AWG, are the seamless electrolytic copper type with flared ends for easy wire insertion. Each kit contains the T-640 Crimpace, the lightweight, heavy-duty tool for lug and terminal crimps.



The AT-50 kit contains 50 pieces of the most popular flared lugs packaged along with the T-640 Crimpace in a durable plastic carrying case.

CONTENTS

Catalog No.	AWG	Stud Size	Qty.
6141	6	1/4	6
4141	4	1/4	6
2381	2	3/8	6
1381	1	3/8	6
10381	1/0	3/8	6
10501	1/0	1/2	4
20381	2/0	3/8	4
20501	2/0	1/2	4
30501	3/0	1/2	4
40501	4/0	1/2	4

Ordering information:

AT-50 – 50 lugs with T-640 Crimpace and carrying case.

AT-50T – 50 tinned copper lugs with T-640 Crimpace and carrying case.

Top Stud Battery Terminal System



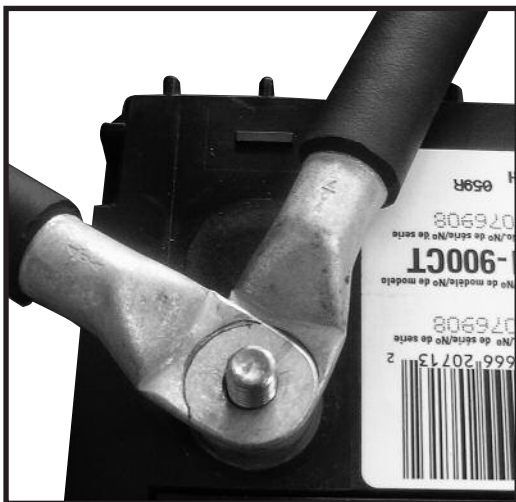
Conductivity – 100% pure copper, tin plated, is much more efficient than cast alloy products. The mating offset contact (recessed) pad insures superior current flow from terminal to terminal at all times.

Flexibility – A single, double, or three-way connection can be made by stacking parts. Cable sizes can be mixed by stacking different size terminals. Multiple cable connections are not limited to two at 180°.

Strength – Fully annealed to prevent cracking while being crimped and while in service.

Uniformity – Wall thickness will not vary. No flaws to create hot spot and connection failure.

Economy – The lowest-cost system with the highest conductivity. The terminals cost less, and fewer need to be stocked for 100% coverage. Lower-cost, compact tools can be used on easy-to-crimp annealed copper terminals.








Catalog No.	AWG
4383-5	4
2383-5	2
1383-5	1
10383-5	1/0
20381-5	2/0
30381-5	3/0
40381-5	4/0 .559 I.D.
40382-5	4/0 .590 I.D.
40383-5	4/0 .625 I.D.



Stud Sizes

Standard Stud Size	Screw Diameter	Hole Diameter
• #0	.060	
• #1	.073	.094
• #2	.086	
● #3	.099	.120
● #4	.112	
● #5	.125	.143
● #6	.138	
● #8	.164	.174
● #10	.190	.196
● #12	.216	
● #14	.242	.265
● 1/4	.250	
● 5/16	.312	.328
● 3/8	.375	.390
● 7/16	.437	.453

Standard Stud Size	Screw Diameter	Hole Diameter
 1/2	.500	.515
 5/8	.625	.656
 3/4	.750	.781
 7/8	.875	.906
 1	1.000	1.031

Reference—Wire Gauge Conversion

Stranded Copper Wire			
AWG	STRAND	DIAMETER (inches)	WEIGHT/Kft. (lbs.)
22	7/30	.030	2.160
20	10/30	.038	3.120
18	16/30	.047	5.090
16	26/30	.059	8.110
14	41/30	.074	13.000
12	65/30	.093	20.800
30	7/38	.012	.337
28	7/36	.015	.538
27	7/35	.017	.681
26	7/34	.019	.849
24	7/32	.024	1.360
26	19/38	.020	.922
24	19/36	.025	1.460
22	19/34	.032	2.340
20	19/32	.040	3.710
18	19/30	.050	5.910
16	19/29	.056	7.460
14	19/27	.071	11.900

Solid Copper Wire		
AWG	DIAMETER (inches)	WEIGHT/Kft. (lbs.)
14	.0641	12.43
15	.0571	9.86
16	.0508	7.82
17	.0453	6.2
18	.0403	4.92
19	.0359	3.9
20	.032	3.09
21	.028	2.45
22	.0253	1.95
23	.0226	1.54
24	.0201	1.22
25	.0179	.97
26	.0159	.77
27	.0142	.61
28	.0126	.484
29	.0113	.384
30	.010	.304
31	.0089	.241
32	.008	.191
33	.0071	.152
34	.0063	.12
35	.0056	.095
36	.005	.076
37	.0045	.06
38	.004	.048

Reference—Decimal Equivalents

Fraction of an Inch	Decimal	Millimeters	Fraction of an Inch	Decimal	Millimeters
1/64	.015625	0.397	33/64	.515625	13.097
1/32	.031250	0.794	17/32	.531250	13.494
3/64	.036875	1.191	35/64	.546875	13.891
1/16	.062500	1.159	9/16	.562500	14.288
5/64	.078125	1.984	37/64	.578125	14.685
3/32	.093750	2.381	19/32	.593750	15.082
7/64	.109375	2.778	39/64	.609375	15.479
1/8	.125000	3.175	5/8	.625000	15.876
9/16	.140625	3.572	41/64	.640625	16.273
5/32	.156250	3.969	21/32	.656250	16.670
11/64	.171875	4.366	43/64	.671875	17.067
3/16	.187500	4.762	11/16	.687500	17.464
13/64	.203125	5.159	45/64	.703125	17.861
7/32	.218750	5.556	23/32	.718750	18.238
15/64	.234375	5.953	47/64	.734375	18.635
1/4	.250000	6.350	3/4	.750000	19.048
17/64	.265625	6.747	49/64	.765625	19.445
9/32	.281250	7.144	25/32	.781250	19.842
19/64	.296875	7.541	51/64	.796875	20.239
5/16	.312500	7.938	13/16	.812500	20.636
21/64	.328125	8.335	53/64	.828125	21.033
11/32	.343750	8.732	27/32	.843750	21.430
23/64	.359375	9.129	55/64	.859375	21.827
3/8	.375000	9.524	7/8	.875000	22.224
25/64	.390625	9.921	57/64	.890625	22.621
13/32	.406250	10.318	29/32	.906250	23.018
27/64	.421875	10.715	59/64	.921875	23.415
7/16	.437500	11.112	15/16	.937500	23.812
29/64	.453125	11.509	61/64	.953125	24.209
15/32	.468750	11.906	31/32	.968750	24.606
31/64	.484375	12.303	63/64	.984374	25.003
1/2	.500000	12.700	1	1	25.400

Metric Prefixes

Prefix	Value	Symbol	Prefix	Value	Symbol
Tera	10 ¹²	T	Deci	10 ⁻¹	d
Giga	10 ⁹	G	Centi	10 ⁻²	c
Mega	10 ⁶	M	Milli	10 ⁻³	m
Kilo	10 ³	k	Micro	10 ⁻⁶	μ
Hecto	10 ²	h	Nano	10 ⁻⁹	n
Deca	10 ¹	da	Pico	10 ⁻¹²	p

Metric Conversions

Length

Inches x 25.40 = Millimeters

Millimeters x 0.03973 = Inches

Feet x 0.3048 = Meters

Meters x 3.281 = Feet

Miles x 1.609 = Kilometers

Kilometers x 0.6214 = Miles

Ohms/km x 0.3048 = Ohms/kft

Area

Sq. Inch x 6.452 = Sq. Centimeter

Sq. Centimeter x 0.1550 = Sq. Inch

Sq. Foot x 0.0929 = Sq. Meter

Sq. Meter x 10.6 = Sq. Foot

Sq. Mile x 2.590 = Sq. Kilometer

Sq. Kilometer x 0.3861 = Sq. Mile

Circular Mil x 0.7854 = Sq. Mil

Volume

Cu. Inch x 16.39 = Cu. Centimeter

Cu. Cm. x 0.06102 = Cu. Inch

Cu. Foot x 0.02832 = Cu. Meter

Cu. Meter x 35.31 = Cu. Foot

Mass

Ounce x 28.35 = Gram

Gram x 0.03527 = Ounce

Pound x 0.4536 = Kilogram

Kilogram x 2.205 = Pound

Kilogram/km x 0.6214 = Pounds/kft

Pounds/kft x 1.4881 = Kilogram/km

Reference–AWG/Metric Conductor Chart

AWG	Stranding	Approx. O.D.		Circular Mil Area	inches ²	mm ²	Weight lbs. /1000 ft.	Weight kg/km	D.C. Resistance Ohms/1000 ft.	D.C. Resistance Ohms/km
		inches	mm							
36	Solid	.0050	0.127	25.0	--	0.013	.076	.113	445.0	1460.0
36	7/44	.006	0.152	28.0	--	0.014	.085	.126	371.0	1271.0
34	Solid	.0063	0.160	39.7	--	0.020	.120	.179	280.0	918.0
34	7/42	.0075	0.192	43.8	--	0.022	.132	.196	237.0	777.0
32	Solid	.008	0.203	67.3	.0001	0.032	.194	.289	174.0	571.0
32	7/40	.008	0.203	67.3	.0001	0.034	.203	.302	164.0	538.0
32	19/44	.009	0.229	76.0	.0001	0.039	.230	.342	136.0	448.0
30	Solid	.010	0.254	100.0	.0001	0.051	.30	.45	113.0	365.0
30	7/38	.012	0.305	112.0	.0001	0.057	.339	.504	103.0	339.0
30	19/42	.012	0.305	118.8	.0001	0.061	.359	.534	87.3	286.7
28	Solid	.013	0.330	159.0	.0001	0.080	.48	.72	70.8	232.0
28	7/36	.015	0.381	175.0	.0001	0.072	.529	.787	64.9	213.0
28	19/40	.016	0.406	182.6	.0001	0.093	.553	.823	56.7	186.0
27	7/35	.018	0.457	219.5	.0002	0.112	.664	.988	54.5	179.0
26	Solid	.016	0.409	256.0	.0002	0.128	.770	1.14	43.6	143.0
26	10/36	.021	0.533	250.0	.0002	0.128	.757	1.13	41.5	137.0
26	19/38	.020	0.508	304.0	.0002	0.155	.920	1.37	34.4	113.0
26	7/34	.019	0.483	277.8	.0002	0.142	.841	1.25	37.3	122.0
24	Solid	.020	0.511	404.0	.0003	0.205	1.22	1.82	27.3	89.4
24	7/32	.024	0.610	448.0	.0004	0.229	1.36	2.02	23.3	76.4
24	10/34	.023	0.582	396.9	.0003	0.202	1.20	1.79	26.1	85.6
24	19/36	.024	0.610	475.0	.0004	0.242	1.43	2.13	21.1	69.2
24	41/40	.023	0.582	384.4	.0003	0.196	1.16	1.73	25.6	84.0
22	Solid	.025	0.643	640.0	.0005	0.324	1.95	2.91	16.8	55.3
22	7/30	.030	0.762	700.0	.0006	0.357	2.12	3.16	14.7	48.4
22	19/34	.031	0.787	754.1	.0006	0.385	2.28	3.39	13.7	45.1
22	26/36	.030	0.762	650.0	.0005	0.332	1.97	2.93	15.9	52.3
20	Solid	.032	0.813	1020.0	.0008	0.519	3.10	4.61	10.5	34.6
20	7/28	.038	0.965	1111.0	.0009	0.562	3.49	5.19	10.3	33.8
20	10/30	.035	0.889	1000.0	.0008	0.510	3.03	4.05	10.3	33.9
20	19/32	.037	0.940	1216.0	.0010	0.620	3.70	5.48	8.6	28.3
20	26/34	.036	0.914	1031.9	.0008	0.526	3.12	4.64	10.0	33.0
20	41/36	.036	0.914	1025.0	.0008	0.523	3.10	4.61	10.0	32.9
18	Solid	.040	1.020	1620.0	.0013	0.823	4.92	7.32	6.6	21.8
18	7/26	.048	1.219	1769.6	.0014	0.902	5.36	7.98	5.9	19.2
18	16/30	.047	1.194	1600.0	.0013	0.816	4.84	7.20	8.5	21.3
18	19/30	.049	1.245	1900.0	.0015	0.969	5.75	8.56	5.5	17.9
18	41/34	.047	1.194	1627.3	.0013	0.830	4.92	7.32	6.4	20.9
18	65/36	.047	1.194	1625.0	.0013	0.829	4.91	7.31	6.4	21.0
16	Solid	.051	1.290	2580.0	.0020	1.310	7.81	11.60	4.2	13.7
16	7/24	.060	1.524	2828.0	.0022	1.442	8.56	12.74	3.7	12.0
16	65/34	.059	1.499	2579.9	.0020	1.316	7.81	11.62	4.0	13.2

Reference–AWG/Metric Conductor Chart

AWG	Stranding	Approx. O.D.		Circular Mil Area	inches ²	mm ²	Weight lbs. /1000 ft.	Weight kg/km	D.C. Resistance Ohms/1000 ft.	D.C. Resistance Ohms/km
		inches	mm							
16	26/30	.059	.059	1.499	0.0021	1.33	7.87	11.71	4.0	13.1
16	19/29	.058	.058	1.473	0.0019	1.33	7.35	10.94	4.3	14.0
16	105/36	.059	.059	1.499	0.0021	1.34	7.95	11.83	4.0	13.1
14	Solid	.064	.064	1.630	0.0032	2.08	12.40	18.50	2.6	8.6
14	7/22	.073	.073	1.854	0.0035	2.29	13.56	20.18	2.3	7.6
14	19/27	.073	.073	1.854	0.0030	1.95	11.59	17.25	2.7	8.9
14	41/30	.073	.073	1.854	0.0032	2.09	12.40	18.45	2.5	8.3
14	105/34	.073	.073	1.854	0.0033	2.13	12.61	18.77	2.5	8.2
12	Solid	0.081	2.05	6529	0.0051	3.31	19.8	29.4	1.65	5.42
12	7/20	0.096	2.44	7168	0.0056	3.63	22.1	32.9	1.53	5.03
12	19/25	0.090	2.27	6088	0.0048	3.08	18.8	28.0	1.85	6.05
12	65/30	0.095	2.41	6500	0.0051	3.29	20.1	29.9	1.75	5.73
12	165/34	0.095	2.42	6549	0.0051	3.32	20.6	30.6	1.77	5.80
10	Solid	.102	2.59	10384	0.0082	5.26	31.4	46.8	1.04	3.41
10	37/26	.111	2.83	9354	0.0073	4.74	28.9	43.0	1.20	3.94
10	49/27	.116	2.96	9880	0.0078	5.01	30.5	45.4	1.14	3.73
10	105/30	.116	2.95	10500	0.0082	5.32	32.5	48.3	1.08	3.55
8	49/25	.147	3.73	15700	0.0123	7.96	48.5	72.1	0.72	2.35
8	133/29	.166	4.22	16983	0.0133	8.61	53.5	79.7	0.67	2.21
8	655/36	.166	4.22	16375	0.0129	8.30	52.1	77.5	0.71	2.34
6	133/27	.209	5.30	26818	0.0211	13.6	84.4	126	0.427	1.40
6	259/30	.210	5.33	25900	0.0203	13.1	81.6	121	0.447	1.47
6	1050/36	.204	5.18	26250	0.0206	13.3	83.5	124	0.445	1.46
4	133/25	.263	6.68	42615	0.0335	21.6	134	200	0.269	0.882
4	259/26	.265	6.72	41119	0.0323	20.8	130	193	0.279	0.914
4	1666/36	.290	7.37	41650	0.0327	21.1	132	197	0.281	0.921
2	133/23	.332	8.44	67931	0.0534	34.4	214	318	0.165	0.542
2	259/26	.334	8.48	65478	0.0514	33.2	206	307	0.175	0.574
2	665/30	.335	8.51	66500	0.0522	33.7	212	315	0.176	0.577
2	2646/36	.298	7.56	66150	0.0520	33.5	212	316	0.178	0.585
1	163, 195.9	.372	9.45	85132	0.0669	43.1	268	399	0.132	0.432
1	172, 508.0	.376	9.55	82986	0.0652	42.1	261	389	0.138	0.453
1	817/30	.377	9.58	83600	0.0657	42.4	266	396	0.140	0.459
1	2109/34	.375	9.52	83627	0.0657	42.4	268	399	0.141	0.463
1/0	133/21	.419	10.6	108029	0.0849	54.7	340	506	0.104	0.341
1/0	259/24	.422	10.7	104639	0.0822	53.0	329	490	0.107	0.352
2/0	133/20	.470	11.9	136192	0.1070	69.0	429	638	0.082	0.270
2/0	259/23	.475	12.1	132287	0.1039	67.0	416	620	0.085	0.278
3/0	259/22	.531	13.5	165783	0.1302	84.0	522	777	0.068	0.222
3/0	427/24	.539	13.7	172512	0.1355	87.4	548	816	0.066	0.215
4/0	259/21	.599	15.2	210373	0.1652	107	662	986	0.053	0.175
4/0	427/23	.606	15.4	218095	0.1713	111	693	1032	0.052	0.170

Reference—AWG/Imperial/Metric Comparison

Solid Conductor

Diameter		American Wire Gauge (AWG)	Gauge numbers British Standard Wire Gauge (Imperial)	Metric Wire Gauge
Mils	mm			
460.1	11.68	4/0	--	--
432	11.0	--	5/0	--
409.6	10.40	3/0	--	--
400	10.2	--	4/0	--
393.7	10.0	--	--	100
372	9.45	--	3/0	--
364.8	9.266	2/0	--	--
354	9.00	--	--	90
348	8.84	--	2/0	--
324.9	8.252	1/0	--	--
324	8.23	--	1/0	--
315	8.00	--	--	80
300	7.62	--	1	--
289.3	7.348	1	--	--
276	7.01	--	2	--
276	7.00	--	--	70
257.6	6.543	2	--	--
352	6.40	--	3	--
236	6.00	--	--	60
232	5.89	--	4	--
229.4	5.827	3	--	--
212	5.38	--	5	--
204.3	5.189	4	--	--
197	5.00	--	--	50
192	4.88	--	6	--
181.9	4.620	5	--	--
177.2	4.50	--	--	45
176	4.47	--	7	--
162.0	4.115	6	--	--
160	4.06	--	8	--
157	4.00	--	--	40
144.3	3.665	7	--	--
144	3.66	--	9	--
138	3.50	--	--	35
128.5	3.264	8	--	--
128	3.25	--	10	--
118	3.00	--	--	30
116	2.95	--	11	--
114.4	2.906	9	--	--
104	2.64	--	12	--
101.9	2.588	10	--	--
98.4	2.50	--	--	25
92	2.34	--	13	--
90.7	2.30	11	--	--
80.8	2.05	12	--	--
80.0	2.03	--	14	--
78.7	2.00	--	--	20
72.0	1.83	13	15	--
70.9	1.80	--	--	18
64.1	1.63	14	--	--
64	1.63	--	16	--
63	1.60	--	--	16
57.1	1.45	15	--	--
56	1.42	--	17	--
55.1	1.40	--	--	14
50.8	1.29	16	--	--
48	1.22	--	18	--
47.2	1.20	--	--	12
45.3	1.15	17	--	--
40.3	1.02	18	--	--
40	1.02	--	19	--

Diameter		American Wire Gauge (AWG)	Gauge numbers British Standard Wire Gauge (Imperial)	Metric Wire Gauge
Mils	mm			
39.4	1.00	--	--	10
36	0.914	--	20	--
35.9	0.912	19	--	--
35.4	0.90	--	--	9.0
32.0	0.813	20	21	--
31.5	0.800	--	--	8.0
28.5	0.724	21	--	--
28	0.711	--	22	--
27.6	0.70	--	--	7.0
25.3	0.643	22	--	--
24	0.610	--	23	--
23.6	0.60	--	--	6.0
22.6	0.574	23	--	--
22	0.559	--	24	--
20.1	0.511	24	--	--
20	0.508	--	25	--
19.7	0.50	--	--	5.0
18	0.457	--	26	--
17.9	0.455	25	--	--
17.7	0.45	--	--	4.5
16.4	0.417	--	27	--
15.9	0.404	26	--	--
15.7	0.40	--	--	4.0
14.8	0.376	--	28	--
14.2	0.361	27	--	--
13.8	0.35	--	--	3.5
13.6	0.345	--	29	--
12.6	0.320	28	--	--
12.4	0.315	--	30	--
11.8	0.30	--	--	3.0
11.6	0.295	--	31	--
11.3	0.287	29	--	--
10.8	0.274	--	32	--
10.0	0.254	30	33	--
9.84	0.25	--	--	2.5
9.2	0.234	--	34	--
8.9	0.226	31	--	--
8.4	0.213	--	35	--
8.0	0.203	32	--	--
7.87	0.20	--	--	2.0
7.6	0.193	--	36	--
7.1	0.180	33	--	--
7.09	0.18	--	--	1.8
6.8	0.173	--	37	--
6.3	0.160	34	--	1.6
6.0	0.152	--	38	--
5.91	0.15	--	--	1.5
5.6	0.142	35	--	--
5.51	0.14	--	--	1.4
5.2	0.132	--	39	--
5.12	0.13	--	--	1.3
5.0	0.127	36	--	--
4.8	0.122	--	40	--
4.72	0.12	--	--	1.2
4.5	0.114	37	--	--
4.4	0.112	--	41	--
4.33	0.11	--	--	1.1
4.0	0.102	38	42	--
3.94	0.10	--	--	1.0
3.6	0.0914	--	43	--
3.5	0.889	39	--	--

Reference—AWG/Imperial/Metric Comparison

Stranded Conductor

Square millimeters	Number and diameter of strands (millimeters)	Corresponding AWG	Square millimeters	Number and diameter of strands (millimeters)	Corresponding AWG
0.014	7 x 0.05	--	0.503	16 x 0.20	--
0.035	7 x 0.08	32	0.515	1 x 0.81	20
0.047	24 x 0.05	--	0.563	7 x 0.32	20
0.049	1 x 0.25	30	0.597	19 x 0.20	20
0.055	7 x 0.10	30	0.636	36 x 0.15	--
0.079	10 x 0.10	--	0.754	24 x 0.20	--
0.079	7 x 0.12	--	0.785	16 x 0.25	18
0.080	1 x 0.32	28	0.817	1 x 1.02	18
0.093	7 x 0.13	28	0.848	12 x 0.30	--
0.094	12 x 0.10	--	0.880	7 x 0.40	18
0.094	48 x 0.05	--	0.933	19 x 0.25	18
0.096	19 x 0.08	28	0.990	56 x 0.15	--
0.113	10 x 0.12	--	1.005	32 x 0.20	--
0.118	60 x 0.05	--	1.276	26 x 0.25	16
0.118	15 x 0.10	--	1.327	1 x 1.30	16
0.124	7 x 0.15	26	1.343	19 x 0.30	16
0.126	1 x 0.40	26	1.374	7 x 0.50	16
0.149	19 x 0.10	26	1.473	30 x 0.25	--
0.177	10 x 0.15	24	1.508	12 x 0.40	--
0.188	24 x 0.10	--	1.828	19 x 0.30	14
0.196	1 x 0.50	24	1.885	60 x 0.20	--
0.212	27 x 0.10	--	1.909	27 x 0.030	--
0.212	12 x 0.15	--	1.979	7 x 0.60	--
0.220	7 x 0.20	24	2.011	16 x 0.40	--
0.251	32 x 0.10	--	2.013	41 x 0.25	14
0.252	19 x 0.13	24	2.087	1 x 1.63	14
0.283	1 x 0.60	--	2.454	50 x 0.25	14
0.291	37 x 0.10	--	3.022	19 x 0.45	12
0.314	40 x 0.10	--	3.142	16 x 0.50	--
0.322	1 x 0.64	22	3.181	45 x 0.30	--
0.336	19 x 0.15	22	3.191	65 x 0.25	12
0.344	7 x 0.25	22	3.393	48 x 0.30	--
0.377	12 x 0.20	--	3.958	56 x 0.30	--
0.377	48 x 0.10	--	4.650	37 x 0.40	--
0.389	22 x 0.15	--	4.714	7 x 7 x 0.35	--
0.442	1 x 0.75	--	5.154	105 x 0.25	--
0.459	26 x 0.15	20	5.160	73 x 0.30	10
0.491	10 x 0.25	20	5.300	75 x 0.30	10
0.495	7 x 0.30	--			

Crimp Tools

Hand-Held Crimp Tool

#8–#2 AWG conductor range covers red, blue, grey, and brown compression lugs that are made from tubing. Ergonomic design features cushioned grips, easy-grip jaws, and rotating tool nest. Manufactured in the U.S.A.

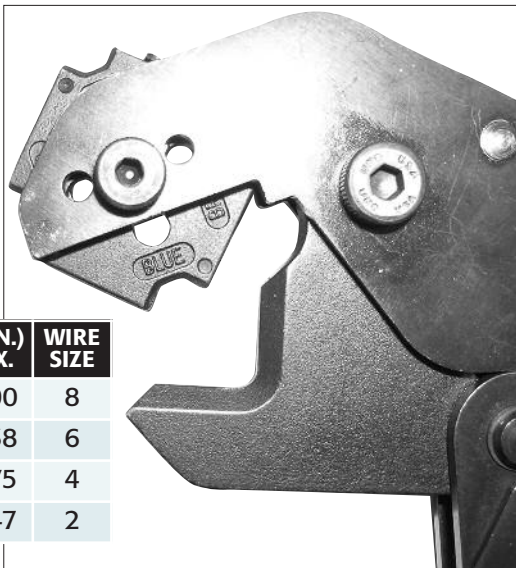
Features

- Positive ratcheting assembly with emergency release, prevents overcrimping or undercrimping.
- High mechanical advantage with molded cushion grips minimize user fatigue.
- Tool life is conservatively rated at 50,000 cycles.
- Crimps designed to meet or exceed UL tensile requirements.

Ordering information:

EM 4290CT –
Hand-Held Crimp
Tool, #8–#2 AWG.

DIE INDEX NUMBER	GAGE DIE (IN.) MIN. – MAX.		WIRE SIZE
RED	.178	.200	8
BLUE	.220	.238	6
GRY	.265	.275	4
BRN	.325	.347	2



Crimp Tool

For crimping #8–1/0 AWG crimp lugs and splices. Rotating crimp dies are color coded for easy identification and selection. Long handles and compound lever action provide superb mechanical advantage and positive stop at the end of the crimp cycle.

Ordering information

EM 080CT

Standard packaging:
1/bx, 9 lb/bx

