

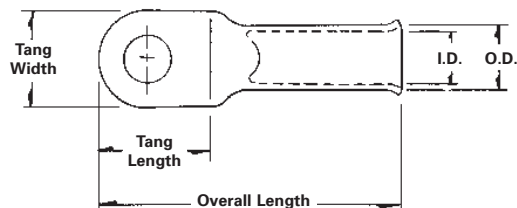
TYPE CRAM

Features

- Electro-tin plated
- Sight hole
- Solid seamless tang
- Electrolytic copper
- UL 486A/B 90° C Listed and CSA Certified for 600 Volts
- May be used for high voltage applications up to 35KV
- For copper conductor only

Benefits

- Provides low contact resistance
- Visual inspection of proper cable insertion
- For performance and strength
- For high conductivity
- Ensures reliability
- Proper high voltage spacing and insulation techniques must be used



Catalog Number	Alt Wire Size	Wire Size	Bolt Size	Tang Length	Tang Width	Tang Thickness	Overall Length	Die Color Code	I.D.	O.D.
CRA-8-8/10M	8 FLEX	8 AWG	#8-#10	0.579	0.445	0.071	1.201	RED	0.185	0.256
CRA-8-14M	8 FLEX	8 AWG	1/4	0.579	0.445	0.071	1.201	RED	0.185	0.256
CRA-8-516M	8 FLEX	8 AWG	5/16	0.724	0.598	0.059	1.276	RED	0.185	0.256
CRA-8-38M	8 FLEX	8 AWG	3/8	0.724	0.598	0.059	1.276	RED	0.185	0.256
CRA-8-12M	8 FLEX	8 AWG	1/2	0.858	0.752	0.059	1.480	RED	0.185	0.256
CRA-6-10M	6 FLEX	6 AWG	#10	0.579	0.445	0.075	1.268	BLUE	0.232	0.299
CRA-6-14M	6 FLEX	6 AWG	1/4	0.579	0.445	0.075	1.268	BLUE	0.232	0.299
CRA-6-516-M	6 FLEX	6 AWG	5/16	0.724	0.598	0.067	1.409	BLUE	0.232	0.299
CRA-6-38M	6 FLEX	6 AWG	3/8	0.724	0.598	0.067	1.409	BLUE	0.232	0.299
CRA-6-12M	6 FLEX	6 AWG	1/2	0.858	0.752	0.059	1.551	BLUE	0.232	0.299
CRA-4-10M	4 FLEX	4 AWG	#10	0.681	0.516	0.075	1.496	GRAY	0.283	0.362
CRA-4-14M	4 FLEX	4 AWG	1/4	0.681	0.516	0.075	1.496	GRAY	0.283	0.362
CRA-4-516M	4 FLEX	4 AWG	5/16	0.728	0.626	0.075	1.496	GRAY	0.283	0.362
CRA-4-38M	4 FLEX	4 AWG	3/8	0.728	0.626	0.075	1.496	GRAY	0.283	0.362
CRA-4-12M	4 FLEX	4 AWG	1/2	0.858	0.752	0.091	1.681	GRAY	0.283	0.362
CRA-2-14M	2 FLEX	1 AWG	1/4	0.858	0.650	0.098	1.720	GREEN	0.362	0.461
CRA-2-516M	2 FLEX	1 AWG	5/16	0.858	0.650	0.098	1.720	GREEN	0.362	0.461
CRA-2-38M	2 FLEX	1 AWG	3/8	0.858	0.650	0.098	1.720	GREEN	0.362	0.461
CRA-2-12M	2 FLEX	1 AWG	1/2	0.858	0.752	0.102	1.831	GREEN	0.362	0.461

Tooling Information

Flex Size	AWG Size	ILSCO	Burndy
		MT-25 Hand Dieless (A) No. of Crimps	MY29-3 Hand Dieless (A) No. of Crimps
8	8	(1)	(1)
6	6	(1)	(1)
4	4	(1)	(1)
2	1	(1)	(2)

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

UL File E6207

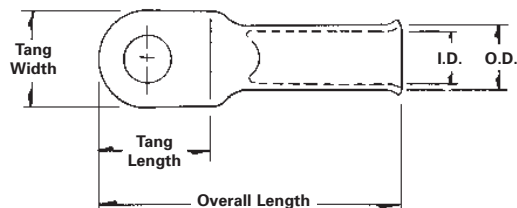
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Benefits

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- Visual inspection of proper cable insertion
- For performance and strength
- For high conductivity
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Catalog Number	Alt Wire Size	Wire Size	Bolt Size	Tang Length	Tang Width	Tang Thickness	Overall Length	Die Color Code	I.D.	O.D.
CRA-1-14M	1 FLEX	1/0 AWG	1/4	0.791	0.713	0.110	1.831	PINK	0.406	0.516
CRA-1-516M	1 FLEX	1/0 AWG	5/16	0.791	0.713	0.110	1.831	PINK	0.406	0.516
CRA-1-38M	1 FLEX	1/0 AWG	3/8	0.791	0.713	0.110	1.831	PINK	0.406	0.516
CRA-1-12M	1 FLEX	1/0 AWG	1/2	0.890	0.815	0.110	1.902	PINK	0.406	0.516
CRA-1/0-14M	1/0 FLEX	2/0 AWG	1/4	0.929	0.815	0.110	2.055	BLACK	0.461	0.571
CRA-1/0-516M	1/0 FLEX	2/0 AWG	5/16	0.929	0.815	0.110	2.055	BLACK	0.461	0.571
CRA-1/0-38M	1/0 FLEX	2/0 AWG	3/8	0.929	0.815	0.110	2.055	BLACK	0.461	0.571
CRA-1/0-12M	1/0 FLEX	2/0 AWG	1/2	0.929	0.815	0.110	2.055	BLACK	0.461	0.571
CRA-2/0-14M	2/0 FLEX	3/0 AWG	1/4	0.969	0.894	0.118	2.161	ORANGE	0.512	0.630
CRA-2/0-516M	2/0 FLEX	3/0 AWG	5/16	0.969	0.894	0.118	2.161	ORANGE	0.512	0.630
CRA-2/0-38-M	2/0 FLEX	3/0 AWG	3/8	0.969	0.894	0.118	2.161	ORANGE	0.512	0.630
CRA-2/0-12M	2/0 FLEX	3/0 AWG	1/2	0.969	0.894	0.118	2.161	ORANGE	0.512	0.630
CRA-3/0-38M	3/0 FLEX	4/0 AWG	3/8	1.071	1.035	0.130	2.382	PURPLE	0.591	0.720
CRA-3/0-12M	3/0 FLEX	4/0 AWG	1/2	1.071	1.035	0.130	2.382	PURPLE	0.591	0.720
CRA-4/0-38M	4/0 FLEX	250 kcmil	3/8	1.228	1.201	0.130	2.614	YELLOW	0.685	0.815
CRA-4/0-12M	4/0 FLEX	250 kcmil	1/2	1.228	1.201	0.130	2.614	YELLOW	0.685	0.815

Tooling Information

Flex Size	AWG Size	ILSCO	Burndy
		MT-25 Hand Dieless (A) No. of Crimps	MY29-3 Hand Dieless (A) No. of Crimps
1	1/0	(1)	(2)
1/0	2/0	(1)	(2)
2/0	3/0	(1)	(2)
3/0	4/0	(2)	(2)
4/0	250 kcmil	(2)	(2)

All wire sizes, unless noted otherwise, are American Wire Gauge (AWG)

UL File E6207



Copper Compression Lugs - Long Barrel

Conductor Range: 250MCM-1000MCM



A

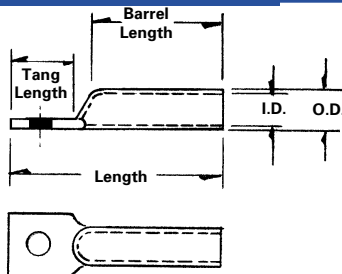
TYPE CRA-L

Features

- Manufactured from high strength seamless copper tubing
- Electro-tin plated
- Longer barrel
- Chamfered barrel
- UL Listed and CSA Certified for 600 volts
- Color coded
- Clearly marked with wire size and die index for IlSCO tools, proper number and location of crimps
- See BT (blank tang) line for other bolt size options

Benefits

- Provides maximum conductivity and excellent crimping characteristics
- Provides low contact resistance
- Provides more crimping area
- Provides easy conductor insertion
- Ensures reliability for copper conductors
- Provides visual tooling recommendation for IlSCO or standard industry tools
- Provides easy identification and tooling recommendation



Catalog Number	Wire Size	Wire Range When Installed With IDT-12 Tool	Welding Cable Size	Die Color Code	Tang Length	Tang Width	Barrel Length	Overall Length	Bolt Size	Stud Hole Diameter and Spacing	Die Index	O.D.	I.D.
CRA-250L	250MCM	250MCM-1/0	4/0 Weld	Yellow	1-1/8	1-3/32	1-5/8	3-3/16	1/2	17/32	11	3/4	9/16
CRA-300L	300MCM	300MCM-2/0	-	White	1-1/8	1-3/16	2	3-9/16	1/2	17/32	12	13/16	21/32
CRA-350L	350MCM	350MCM-3/0	-	Red	1-1/8	1-9/32	2	3-9/16	1/2	17/32	13	7/8	11/16
CRA-400L	400MCM	400MCM-4/0	-	Blue	1-1/2	1-3/8	2-1/8	4-1/4	5/8	11/16	14	15/16	3/4
CRA-500L	500MCM	500MCM-4/0	-	Brown	1-1/2	1-17/32	2-1/4	4-3/8	5/8	11/16	15	1-1/16	53/64
CRA-600L	600MCM	600MCM-250MCM	-	Green	1-1/2	1-11/16	2-1/4	4-15/32	5/8	11/16	16	1-3/16	59/64
CRA-750L	750MCM	750MCM-500MCM	-	Black	1-15/16	1-29/32	2-7/8	5-15/32	5/8	21/32	17	1-5/16	1-1/32
CRA-1000L	1000MCM	1000MCM-750MCM	-	White	2-1/8	2-3/16	3	6	5/8	21/32	18	1-1/2	1-11/64

Temperature Rating 90° C

Tooling Information

Catalog Number	ILSCO								Burdyn				Thomas & Betts				Anderson	Color Code	
	ILC-14, ILC-14H, ILC-12, ILC-12H Die No. No. of Crimps	ILCB-12 Die No. No. of Crimps	ILC-15 Die No. No. of Crimps	MT-25 Hand Tool No. of Crimps	94285 Left/Rt. Die/Die No. of Crimps	IDT-12 Dieless No. of Crimps	IDTB-12 Die Index No. of Crimps	Y-35 Y-39 Die Index No. of Crimps	Y-45 Die Index No. of Crimps	Y-46 Die Index No. of Crimps	Y-48B Die Index No. of Crimps	MY29-3 Hand Tool No. of Crimps	Y644-M Dieless No. of Crimps	13642 12 Ton Die Index No. of Crimps	TBM 15 15 Ton Die Index No. of Crimps	21940 40 Ton Die Index No. of Crimps	TBM-8 Hand Tool No. of Crimps		Versa Crimp Die Index No. of Crimps
CRA-250L	ILD-11 (3)	ILD-11 (3)	ILD-11 (3)	(3)	A/A (4)	(2)	(3)	16 (2)	16 (2)	16 (2)	16 (2)	(3)	(2)	62 (3)	62 (3)	62 (3)	(5)	(2)	Yellow
CRA-300L	ILD-12 (2)	ILD-12 (2)	ILD-12 (2)			(2)	(3)	17/298 (2)	17/298 (2)	17/298 (2)	17/298 (2)		(2)	66H (4)	66 (2)	66 (2)	(5)	(2)	White
CRA-350L	ILD-13 (2)	ILD-13 (2)	ILD-13 (2)			(2)	(3)	18/324 (2)	18/324 (2)	18/324 (2)	18/324 (2)		(2)	71H (4)	71H (4)	71 (2)	(5)	(2)	Red
CRA-400L	ILD-14 (2)	ILD-14 (2)	ILD-14 (2)			(2)	(3)	19/470 (2)	19/470 (2)	19/470 (2)	19/470 (2)		(2)	76H (4)	76 (2)	76 (2)	(5)	(2)	Blue
CRA-500L	ILD-15 (2)	ILD-15 (2)	ILD-15 (2)			(2)	(3)	20/299 (3)	20/299 (3)	20/299 (3)	20/299 (3)		(2)	87H (4)	87H (4)	87 (2)	(5)	(2)	Brown
CRA-600L	ILD-16 (2)	ILD-16 (2)	ILD-16 (2)			(2)	(4)	22/472 (3)	22/472 (3)	22/472 (3)	22/472 (3)		(2)	94H (6)	94H (6)	94 (3)		(2)	Green
CRA-750L	ILD-17 (4)	ILD-17 (4)	ILD-17 (4)			(2)	(4)	24/473 (4)	24/473 (4)	24/473 (4)	24/473 (4)		(2)	106H (6)	106 (3)	106 (3)			Black
CRA-1000L						(2)				27 (3)			(2)	125H (6)	125 (3)				White

UL Listed and CSA Certified 600 volts maximum when installed with tools and dies shown above. If proper high voltage spacings and insulation techniques are used, these compression connectors can be used for high voltage applications up to 35KV.