



Crimping Information for Aluminum Compression Connectors

Compact, Connectors Class B, C, Flex Class G, H, I, K, M & DLO Copper and Aluminum Conductors

OEC USA INC.

ALUMINUM

Tooling Selection Chart With Die-less Crimping Tools (Range Taking)

Lug Size	Approved Cu Wire Classes								Range Taking (Applicable Wire Range)	Color	Greenlee Die-less Model HK12ID & EK12IDL	Burdny Die-less Model PAT444S
	B	C	G	H	I	K	M	DLO				
	AWG	AWG	AWG						AWG			
8	8	8	8	8	8	8	8			Blue	Die-less	Die-less
6	6	6	6	6	6		6	6 - 8	Gray			
4	4	4						4 - 6	Green			
2	2	2	4	4	4	4	4	2 - 6	Pink			
1	1	1	2	2	2	2	2	1 - 6	Gold			
1/0	1/0	1/0	1	1	1	1	1	1/0 - 6	Tan			
2/0	2/0	2/0	1/0	1/0	1/0	1/0	1/0	2/0 - 4	Olive			
3/0	3/0	3/0	2/0	2/0	2/0	2/0	2/0	3/0 - 2	Ruby			
4/0	4/0	4/0	3/0	3/0	3/0	3/0	3/0	4/0 - 1	White			
250	250	250	4/0	4/0	4/0	4/0	4/0	250 - 1/0	Red			
300	300	300	250	250				300 - 2/0	Blue			
350	350	350	250	250	250	250	262	350 - 3/0	Brown			
400	400	400	300	300	300	300	313	400 - 4/0	Green			
500	500	500	350	350	350	350	373	500 - 250	Pink			
600	600	600	400	400	400	400	444	600 - 250	Black			
700	700	700	500	500	500	500	535	700 - 250	Purple			
750	750	750	600	600	600		600	750 - 500	Yellow			
800	800	800							White			
900	900	900							Gray			
1000	1000	1000	750	750	750		777	1000 - 750	Brown			



- 1) Select the proper lug or splice connector for the size of cable being installed, ensuring that the size matches the description in the table below.
- 2) Strip the insulation from the cable to a length so that the stripped area of the cable can be completely inserted into and fill the barrel of the lug or splice. Carefully strip the insulation from the cable without nicking the strands.
- 3) Wire brush the stripped portion of the cable to remove oxide films.
- 4) The stripped portion of the conductor must be clean and inserted completely into the connector barrel.
- 5) Using the tool and die combination specified in the table below, install 2 crimps, leaving a space of 1/8 inch minimum between successive crimps.



Tooling Selection Chart With Die Set Crimping Tools

Lug Size	Compact Class B,C Aluminum and Copper Conductor		Flex Class G,H,I,K Conductor	Flex Class M Conductor	DLO Locomotive	Color	Burdny Model - Y35, Y39, Y46,Y750, PAT750, PAT750LI Die Set	Die Index	Burdny Model - Y35, Y39, Y750, PAT750, PAT750LI with Ilco Die Set	Greenlee Model HK1240 & EK1240LI
	AWG	AWG	AWG	AWG	AWG					
8	8	8	8	8		Blue	U8CABT	374	ILD-374	KA12-8
6	6	6	6			Gray	U6CABT	346	ILD-346	KA12-6
4	4	4				Green	U4CABT	375	ILD-375	KA12-4
2	2	2	2	4	4	Pink	U2CABT	348	ILD-348	KA12-2
1	1	1	1	2	2	Gold	U1CART	471	ILD-471	KA12-1
1/0	1/0	1/0	1	1	1	Tan	U25 ART	296	ILD-296	KA12-1/0
2/0	2/0	2/0	2/0	1/0	1/0	Olive	U26ART	297	ILD-297	KA12-2/0
3/0	3/0	3/0	3/0	2/0	2/0	Ruby	U27ART	467	ILD-467	KA12-3/0
4/0	4/0	4/0	4/0	3/0	3/0	White	U28ART	298	ILD-298	KA12-4/0
250	250	250	250	4/0	4/0	Red	U29ART	324	ILD-324	KA12-250
300	300	300	300	250		Blue	U30ART	470	ILD-470	KA12-300
350	350	350	250		250	Brown	U31ART	299	ILD-299	KA12-350
400	400	400	300	300	300	Green	U32ART	472	ILD-472	KA12-400
500	500	500	350	350	350	Pink	U34ART	300	ILD-300	KA12-500
600	600	600	400	400	400	Black	U36ART	473	ILD-473	KA12-600
700	700	700	500	500	535	Purple				
750	750	750	600	600	646	Yellow	U39ART-2	936	ILD-936	KA12-750
1000	1000	1000	750		777	Brown	S44ART-4			