

Copper, Two Hole, Long Barrel Compression Lug, Slotted Tang

Features

- Manufactured from high strength seamless copper tubing
- Chamfered entry
- Color coded die index and crimp marks
- Electro-Tin plated for corrosion resistance
- UL486A/B Listed for Wire Connectors
- UL467 Listed for grounding and bonding applications
- UL Listed and CSA Certified with competitor's compression tools
- Listed for use with class B & C, flex class G, H, I, K, M & DLO cable

Standard Material

- Copper

Standard Finish

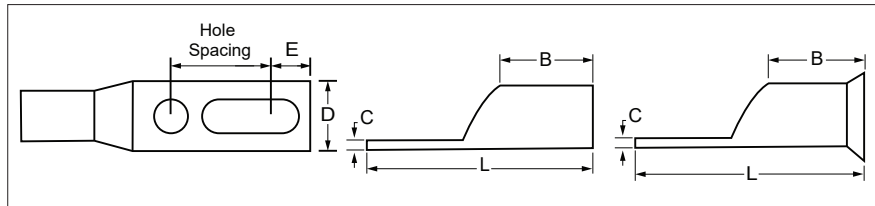
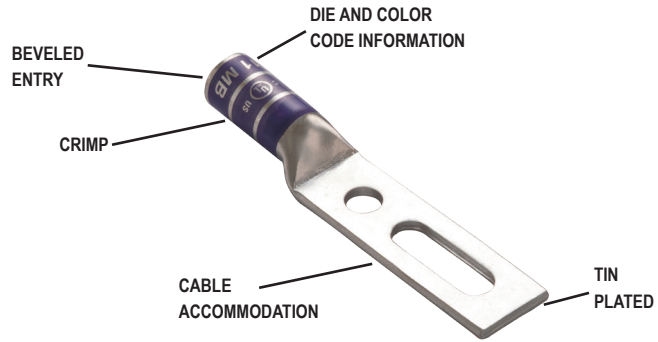
- Electro-tin plated

Electrical Rating

- Voltage Rating: 600 V
- Maximum Circuit Rating: 35 kV
- Temperature Rating: 90°C

We Supply

- Prefix 'F' for flared entry (eg. FXXXXX)
- Prefix 'P' for inspection window (eg. PXXXXX)



For Use With Copper Conductor Only

Catalog ID	Wire Size	Alt Wire Size	Range Taking	Stud Size	Stud Hole Dia.	Hole Spacing	Dimensions In Inches					Color Code	• Installation Tooling		Dieless		
							L	B	C	D	E		Burndy Model - Y35, Y39, Y750, PAT750, PAT750LI	Ilco ILC-12-N, ILC-12-H-N, ILCB-12			
ST98083	8	#8 FLEX, 8 DLO	8-10	#10	0.20	5/8	2.19	0.81	0.08	0.42	0.28	RED	U8CTR	ILD - 2	ILD - 21	Burndy Dieless - PAT444S & PAT4PC-834LI.	
ST98084				1/4	0.27	5/8	2.19	0.81	0.08	0.42	0.28						
ST98084B				1/4	0.27	1	2.74	0.81	0.06	0.55	0.38						
ST98084C				1/4	0.27	3/4	2.74	0.81	0.08	0.42	0.38						
ST98084D				3/8	0.41	1-3/4	2.30	0.81	0.06	0.42	0.32						
ST98084A				3/8	0.41	1	3.92	0.81	0.06	0.55	0.62						
ST98084E				5/16	0.33	1-3/4	3.92	0.81	0.08	0.55	0.62						
ST98085	6	#6 FLEX, 6 DLO	6-8	1/4	0.27	5/8	2.36	0.98	0.08	0.42	0.28	BLUE	U5CRT U8CABT	ILD - 3	ILD - 24		
ST98085A				1/4	0.27	1/2	2.24	0.98	0.08	0.42	0.28						
ST98085B				1/2	0.53	1-3/4	4.09	0.98	0.08	0.83	0.62						
ST98085C				1/4	0.27	3/4	2.48	0.98	0.08	0.42	0.28						
ST98085D				3/8	0.41	1	2.91	0.98	0.06	0.55	0.38						
ST98085E				3/8	0.41	3/4	2.72	0.98	0.06	0.55	0.32						
ST98086	4	-	4-6	1/4	0.27	5/8	2.36	0.98	0.09	0.49	0.28	GRAY	U4CRT U6CABT	ILD - 4	ILD - 29		Ilco Dieless - IDT-6, IDT-6H, IDTB-6, IDTB-6-LI-O, TB-6DF1000-P, IDT-12-N, IVTB-6
ST98086A				3/8	0.41	1	2.91	0.98	0.07	0.55	0.38						
ST98086B				1/4	0.27	3/4	2.48	0.98	0.09	0.49	0.28						
ST98086C				5/16	0.33	1	2.91	0.98	0.07	0.55	0.38						
ST98086D				1/4	0.27	1	2.91	0.98	0.09	0.49	0.38						
ST98086E				3/8	0.41	3/4	2.91	0.98	0.07	0.55	0.28						
ST98087				1/2	0.53	1-3/4	4.09	0.98	0.12	0.87	0.62						
ST98087A	3	#4 FLEX, 4 DLO	3-6	5/16	0.33	3/4	2.87	1.10	0.09	0.55	0.32	WHITE	U2CRT	-	29		
ST98087B				3/8	0.41	1	3.07	1.10	0.08	0.59	0.38						
ST98087C				1/4	0.27	5/8	2.52	1.10	0.09	0.50	0.28						
ST98087D				1/4	0.27	3/4	2.64	1.10	0.09	0.50	0.28						
ST98088	2	#4 FLEX, 4 DLO	2-6	5/16	0.33	3/4	2.87	1.10	0.10	0.60	0.32	BROWN	U2CRT	ILD - 7	ILD - 33	Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID	
ST98088A				3/8	0.41	1	3.07	1.10	0.10	0.60	0.38						
ST98088B				1/4	0.27	5/8	2.52	1.10	0.10	0.60	0.28						
ST98088C				1/4	0.27	3/4	2.64	1.10	0.10	0.60	0.28						
ST98088D				1/4	0.27	1	3.07	1.10	0.10	0.60	0.38						
ST98088E				3/8	0.41	3/4	2.87	1.10	0.10	0.60	0.31						
ST98088F				3/8	0.41	1-3/4	4.25	1.10	0.10	0.60	0.62						
ST98089				5/16	0.33	7/8	2.87	1.10	0.10	0.60	0.32						
ST98089A				5/16	0.33	3/4	2.87	1.10	0.10	0.60	0.32						
ST98090				1/2	0.53	1-3/4	4.25	1.10	0.08	0.81	0.62						

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Catalog ID	Wire Size	Alt Wire Siz	Range Taking	Stud Size	Stud Hole Dia.	Hole Spacing	Dimensions In Inches					Color Code	• Installation Tooling		Dieless	
							L	B	C	D	E		Burndy Model - Y35, Y39, Y750, PAT750, PAT750LI	Ilco ILC-12-N, ILC-12-H-N, ILCB-12		
ST98091	1	#2 FLEX, 2 DLO	1-6	1/4	0.27	5/8	2.56	1.10	0.11	0.67	0.28	GREEN	U1CRT U4CABT	ILD - 7	ILD - 37	Burndy Dieless - PAT444S & PAT4PC-834LI.
ST98091A				3/8	0.41	1	3.11	1.10	0.11	0.67	0.38					
ST98091B				1/4	0.27	3/4	2.68	1.10	0.11	0.67	0.28					
ST98091C				5/16	0.33	7/8	2.91	1.10	0.11	0.67	0.32					
ST98092				3/8	0.41	7/8	2.91	1.10	0.11	0.67	0.32					
ST98093				1/2	0.53	1-3/4	4.29	1.10	0.10	0.75	0.62					
ST98094	1/0	#1 FLEX, 1 DLO	1/0-6	5/16	0.33	7/8	3.01	1.20	0.13	0.74	0.32	PINK	U25RT U2CART	ILD - 8	ILD - 42	Ilco Dieless - IDT-6, IDT-6H, IDTB-6, IDTB-6-LI-O, TB-6DF1000-P, IDT-12-N, IVTB-6
ST98094A				3/8	0.41	7/8	3.01	1.20	0.13	0.74	0.31					
ST98095				3/8	0.41	1	3.21	1.20	0.13	0.74	0.38					
ST98095A				1/4	0.27	5/8	2.66	1.20	0.13	0.74	0.28					
ST98095B				3/8	0.41	3/4	3.01	1.20	0.13	0.74	0.32					
ST98095C				3/8	0.41	1-3/4	4.39	1.20	0.13	0.74	0.62					
ST98096	2/0	#1/0 FLEX, 1/0 DLO	2/0-4	1/2	0.53	1-3/4	4.39	1.20	0.13	0.74	0.62	BLACK	U26RT	ILD - 10	ILD - 45	Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID
ST98097				3/8	0.41	1	3.43	1.38	0.12	0.81	0.38					
ST98097A				1/4	0.27	3/4	2.99	1.38	0.12	0.81	0.28					
ST98097B				1/4	0.27	5/8	2.87	1.38	0.12	0.81	0.28					
ST98097C				1/4	0.27	1	3.43	1.38	0.12	0.81	0.38					
ST98097D				3/8	0.41	1-3/4	4.61	1.38	0.12	0.81	0.62					
ST98098	3/0	#2/0 FLEX, 2/0 DLO	3/0-2	1/2	0.53	1-3/4	4.61	1.38	0.12	0.81	0.62	ORANGE	U27RT	ILD - 10	ILD - 50	Burndy Dieless - PAT444S & PAT4PC-834LI.
ST98099				5/16	0.33	1	3.50	1.38	0.13	0.90	0.32					
ST98099A				3/8	0.41	1	3.50	1.38	0.13	0.90	0.38					
ST98099B				1/4	0.27	3/4	3.07	1.38	0.13	0.90	0.28					
ST98099C				1/4	0.27	5/8	2.95	1.38	0.13	0.90	0.28					
ST98100				3/8	0.41	1-3/4	4.69	1.38	0.13	0.90	0.62					
ST98100A	4/0	#3/0 FLEX, 3/0 DLO	4/0-1	1/2	0.53	1-3/4	4.69	1.38	0.13	0.90	0.62	PURPLE	U28RT	ILD - 12	ILD - 54	Ilco Dieless - IDT-6, IDT-6H, IDTB-6, IDTB-6-LI-O, TB-6DF1000-P, IDT-12-N, IVTB-6
ST98101				3/8	0.41	1	3.54	1.42	0.13	1.00	0.38					
ST98101A				1/4	0.27	3/4	3.11	1.42	0.13	1.00	0.28					
ST98101B				1/4	0.27	5/8	2.99	1.42	0.13	1.00	0.28					
ST98101C				3/8	0.41	1-3/4	4.72	1.42	0.13	1.00	0.62					
ST98102				1/2	0.53	1-3/4	4.72	1.42	0.13	1.00	0.62					
ST98103	250	#4/0 FLEX, 4/0 DLO	250-1	3/8	0.41	1	3.78	1.61	0.15	1.09	0.38	YELLOW	U29RT	ILD - 13	ILD - 62	Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID
ST98104	300	250 G,H,FLEX	300-2/0	1/2	0.53	1-3/4	4.96	1.61	0.15	1.09	0.62					
ST98105				350	250 G,H,I,K,M,FLEX 262 DLO	350-3/0	1/2	0.53	1-3/4	5.31	1.97	0.15	1.19	0.62	WHITE	U30RT U28ART
ST98105A	400	300 G,H,I,K,M,FLEX 313 DLO	400-4/0				3/8	0.41	1	4.13	1.97	0.15	1.19	0.38		
ST98106				500	300 G,H,I,K,M,FLEX 646 DLO	400-4/0	1/2	0.53	1-3/4	5.39	1.97	0.17	1.28	0.62	RED	-
ST98106A	600	400 G,H,I,K,M,FLEX 444 DLO	600-250				3/8	0.41	1	4.21	1.97	0.17	1.28	0.38		
ST98107				700	350 G,H,I,K,M,FLEX 373 DLO	500-250	1/2	0.53	1-3/4	5.47	1.97	0.18	1.39	0.62	BLUE	U32RT U30ART
ST98107A	750	400 G,H,I,K,M,FLEX 444 DLO	600-250				3/8	0.41	1	4.29	1.97	0.18	1.39	0.38		
ST98108				750	500 G,H,I,K,M,FLEX 646 DLO	700-250	1/2	0.53	1-3/4	5.75	2.24	0.22	1.54	0.62	BROWN	U34RT U32ART
ST98108A	1000	400 G,H,I,K,M,FLEX 535 DLO	700-250				3/8	0.41	1	4.57	2.24	0.22	1.54	0.38		
ST98109				1000	500 G,H,I,K,M,FLEX 777 DLO	1000-750	1/2	0.53	1-3/4	5.79	2.24	0.25	1.72	0.62	GREEN	U36RT U32ART
ST98109A	1000	600 G,H,I,K,M,FLEX 834 DLO	1000-750				3/8	0.41	1	4.61	2.24	0.25	1.72	0.38		
ST98109B				1000	600 G,H,I,K,M,FLEX 834 DLO	1000-750	1/2	0.53	1-3/4	6.30	2.64	0.27	1.77	0.62	PINK	U38RT U38XRT
ST98109C	1000	600 G,H,I,K,M,FLEX 834 DLO	1000-750				5/8	0.69	1-3/4	6.30	2.64	0.27	1.77	0.62		
ST98110				1000	600 G,H,I,K,M,FLEX 834 DLO	1000-750	1/2	0.53	1-3/4	6.30	2.64	0.27	1.90	0.62	BLACK	U39RT
ST98110A	1000	600 G,H,I,K,M,FLEX 834 DLO	1000-750				3/8	0.41	1	5.12	2.64	0.27	1.90	0.38		
ST98110B				1000	750 G,H,I,K,M,FLEX 834 DLO	1000-750	1/2	0.53	1-3/4	6.81	3.15	0.33	2.18	0.62	WHITE	U44XRT
ST98110C	1000	750 G,H,I,K,M,FLEX 834 DLO	1000-750				5/8	0.69	1-3/4	6.81	3.15	0.33	2.18	0.62		

Crimping Instructions

- Select the proper lug or splice connector for the size of cable being installed, ensuring that the size matches the description in the table.
- 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.
- Clean the stripped portion of the cable to remove oxide films.
- The stripped portion of the cable must be clean and inserted completely into the connector barrel.
- Using the tool and die combination specified for that connector in the table above, install crimps, leaving a space of 1/8 inch minimum between successive crimps.

For Short Barrel Connectors, apply 1 crimp,
For Long Barrel Connectors, apply 2 crimps on the color coded bands

NOTE: All Dimensions shows are for reference only.

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