

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

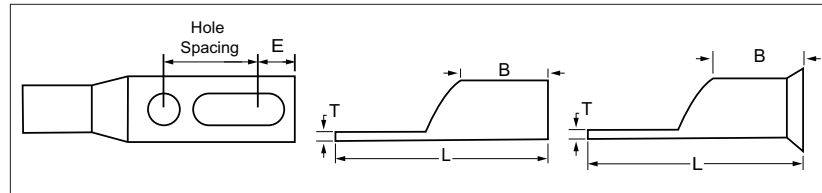
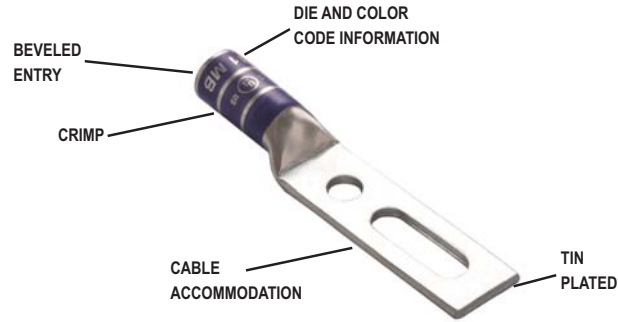
- Electro-tin plated

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	Conductor		Stud Size	Hole Spacing	Tang Width	Dimensions In Inches				Color Code	• Installation Tooling					Dieless
	AWG	MM²				L	B	T	E		Burndy Model - Y35, Y39, Y750, PAT750, PAT750LI	Ilco ILC-12-N, ILC-12-H-N, ILCB-12	Huskie Model - EP-510C Die Index	Greenlee HK1240		
ST98083	8	10	#10	5/8	0.42	2.19	0.81	0.08	0.28	RED	U8CTR	ILD - 2	ILD - 21	NA	KC12-8	Burndy Dieless - PAT444S & PAT4PC834LI.
ST98084			1/4	5/8	0.42	2.19	0.81	0.08	0.28							
ST98084B			1/4	1	0.55	2.74	0.81	0.06	0.38							
ST98084C			1/4	3/4	0.42	2.74	0.81	0.08	0.38							
ST98084D			3/8	1 3/4	0.42	2.30	0.81	0.06	0.32							
ST98084A			3/8	1	0.55	3.92	0.81	0.06	0.62							
ST98084E	6	-	5/16	1 3/4	0.55	3.92	0.81	0.08	0.62	BLUE	U5CRT U8CABT	ILD - 3	ILD - 24	HT41AT / HT41GL	KC12-6	
ST98085			1/4	5/8	0.42	2.36	0.98	0.08	0.28							
ST98085A			1/4	1/2	0.42	2.24	0.98	0.08	0.28							
ST98085B			1/2	1 3/4	0.83	4.09	0.98	0.08	0.62							
ST98085C			1/4	3/4	0.42	2.48	0.98	0.08	0.28							
ST98085D			3/8	1	0.55	2.91	0.98	0.06	0.38							
ST98085E	4	-	3/8	3/4	0.55	2.72	0.98	0.06	0.32	GRAY	U4CRT U6CABT	ILD - 4	ILD - 29	HT41AU / HT41GE	KC12-4	Ilco Dieless - IDT-6, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6
ST98086			1/4	5/8	0.49	2.36	0.98	0.09	0.28							
ST98086A			3/8	1	0.55	2.91	0.98	0.07	0.38							
ST98086B			1/4	3/4	0.49	2.48	0.98	0.09	0.28							
ST98086C			5/16	1	0.55	2.91	0.98	0.07	0.38							
ST98086D			1/4	1	0.49	2.91	0.98	0.09	0.38							
ST98086E	3	25	3/8	3/4	0.55	2.91	0.98	0.07	0.28	WHITE	U2CRT	-	29	HT41AW	-	
ST98087			1/2	1 3/4	0.87	4.09	0.98	0.12	0.62							
ST98087A	2	35	5/16	3/4	0.55	2.87	1.10	0.09	0.32	BROWN	U2CRT	ILD - 7	ILD - 33	HT41AW	KC12-2	Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID
ST98087B			3/8	1	0.59	3.07	1.10	0.08	0.38							
ST98087C			1/4	5/8	0.50	2.52	1.10	0.09	0.28							
ST98087D			1/4	3/4	0.50	2.64	1.10	0.09	0.28							
ST98088			5/16	3/4	0.60	2.87	1.10	0.10	0.32							
ST98088A			3/8	1	0.60	3.07	1.10	0.10	0.38							
ST98088B			1/4	5/8	0.60	2.52	1.10	0.10	0.28							
ST98088C			1/4	3/4	0.60	2.64	1.10	0.10	0.28							
ST98088D			1/4	1	0.60	3.07	1.10	0.10	0.38							
ST98088E			3/8	3/4	0.60	2.87	1.10	0.10	0.31							
ST98088F			3/8	1 3/4	0.60	4.25	1.10	0.10	0.62							
ST98089			5/16	7/8	0.60	2.87	1.10	0.10	0.32							
ST98089A	5/16	3/4	0.60	2.87	1.10	0.10	0.32									
ST98090			1/2	1 3/4	0.81	4.25	1.10	0.08	0.62							

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Catalog ID	Conductor		Stud Size	Hole Spacing	Tang Width	Dimensions In Inches				Color Code	• Installation Tooling					Dieless
	AWG	MM²				L	B	T	E		Burndy Model - Y35, Y39, Y750, PAT750, PAT750LI	Ilco ILC-12-N, ILC-12-H-N, ILCB-12	Huskie Model - EP-510C Die Index	Greenlee HK1240		
ST98091	1	50	1/4	5/8	0.67	2.56	1.10	0.11	0.28	GREEN	U1CRT U4CABT	ILD - 7	ILD - 37	HT41AX	KC12-1	Burndy Dieless - PAT444S & PAT4PC834LI.
ST98091A			3/8	1	0.67	3.11	1.10	0.11	0.38							
ST98091B			1/4	3/4	0.67	2.68	1.10	0.11	0.28							
ST98091C			5/16	7/8	0.67	2.91	1.10	0.11	0.32							
ST98092			3/8	7/8	0.67	2.91	1.10	0.11	0.32							
ST98093	1/0	-	1/2	1 3/4	0.75	4.29	1.10	0.10	0.62	PINK	U25RT U2CART	ILD - 8	ILD - 42	HT41AY	KC12-1/0	Ilco Dieless - IDT-6, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6
ST98094			5/16	7/8	0.74	3.01	1.20	0.13	0.32							
ST98094A			3/8	7/8	0.74	3.01	1.20	0.13	0.31							
ST98095			3/8	1	0.74	3.21	1.20	0.13	0.38							
ST98095A			1/4	5/8	0.74	2.66	1.20	0.13	0.28							
ST98095B			3/8	3/4	0.74	3.01	1.20	0.13	0.32							
ST98095C			3/8	1 3/4	0.74	4.39	1.20	0.13	0.62							
ST98096	2/0	70	1/2	1 3/4	0.74	4.39	1.20	0.13	0.62	BLACK	U26RT	ILD - 10	ILD - 45	HT41AZ	KC12-2/0	Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID
ST98097			3/8	1	0.81	3.43	1.38	0.12	0.38							
ST98097A			1/4	3/4	0.81	2.99	1.38	0.12	0.28							
ST98097B			1/4	5/8	0.81	2.87	1.38	0.12	0.28							
ST98097C			1/4	1	0.81	3.43	1.38	0.12	0.38							
ST98097D			3/8	1 3/4	0.81	4.61	1.38	0.12	0.62							
ST98098	3/0	-	1/2	1 3/4	0.81	4.61	1.38	0.12	0.62	ORANGE	U27RT	ILD - 10	ILD - 50	HT41BA	KC12-3/0	Burndy Dieless - PAT444S & PAT4PC834LI.
ST98099			5/16	1	0.90	3.50	1.38	0.13	0.32							
ST98099A			3/8	1	0.90	3.50	1.38	0.13	0.38							
ST98099B			1/4	3/4	0.90	3.07	1.38	0.13	0.28							
ST98099C			1/4	5/8	0.90	2.95	1.38	0.13	0.28							
ST98100			3/8	1 3/4	0.90	4.69	1.38	0.13	0.62							
ST98100A	4/0	-	1/2	1 3/4	0.90	4.69	1.38	0.13	0.62	PURPLE	U28RT	ILD - 12	ILD - 54	HT41BC	KC12-4/0	Burndy Dieless - PAT444S & PAT4PC834LI.
ST98101			3/8	1	1.00	3.54	1.42	0.13	0.38							
ST98101A			1/4	3/4	1.00	3.11	1.42	0.13	0.28							
ST98101B			3/8	1 3/4	1.00	2.99	1.42	0.13	0.28							
ST98101C			1/4	5/8	1.00	4.72	1.42	0.13	0.62							
ST98102	250	-	1/2	1 3/4	1.00	4.72	1.42	0.13	0.62	YELLOW	U29RT	ILD - 13	ILD - 62	HT41BE	KC12-250	Ilco Dieless - IDT-6, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6
ST98103			3/8	1	1.09	3.78	1.61	0.15	0.38							
ST98104			1/2	1 3/4	1.09	4.96	1.61	0.15	0.62							
ST98105	300	150	1/2	1 3/4	1.19	5.31	1.97	0.15	0.62	WHITE	U30RT U28ART	ILD - 14	ILD - 66	HT41BE	KC12-300	Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID
ST98105A			3/8	1	1.19	4.13	1.97	0.15	0.38							
ST98106	350	185	1/2	1 3/4	1.28	5.39	1.97	0.17	0.62	RED	-	ILD - 14	ILD - 71	HT41BJ	KC12-350	Ilco Dieless - IDT-6, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6
ST98106A			3/8	1	1.28	4.21	1.97	0.17	0.38							
ST98107	400	-	1/2	1 3/4	1.39	5.47	1.97	0.18	0.62	BLUE	U32RT U30ART	ILD - 16	ILD - 67	HT41BK	KC12-400	Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID
ST98107A			3/8	1	1.39	4.29	1.97	0.18	0.38							
ST98108	500	240	1/2	1 3/4	1.54	5.75	2.24	0.22	0.62	BROWN	U34RT U32ART	ILD - 16A	ILD - 87	HT41BL	KC12-500	Ilco Dieless - IDT-6, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6
ST98108A			3/8	1	1.54	4.57	2.24	0.22	0.38							
ST98109	600	300	1/2	1 3/4	1.72	5.79	2.24	0.25	0.62	GREEN	U36RT U32ART	ILD - 17	ILD - 94	HT41HH / HT41BM	KC12-600	Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID
ST98109A			3/8	1	1.72	4.61	2.24	0.25	0.38							
ST98109B	700	-	1/2	1	1.77	6.30	2.64	0.27	0.62	PINK	-	-	-	-	-	Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID
ST98109C			5/8	1	1.77	6.30	2.64	0.27	0.62							
ST98110	750	-	1/2	1 3/4	1.90	6.30	2.64	0.27	0.62	BLACK	U39RT	ILD - 18	ILD - 106	HT41BP	KC12-750	Ilco Dieless - IDT-6, IDTB-6, IDTB-6-LIO, TB-6DF1000-P, IDT-12-N, IVTB-6
ST98110A			3/8	1	1.90	5.12	2.64	0.27	0.38							
ST98110B	1000	500	1/2	1 3/4	2.18	6.81	3.15	0.33	0.62	WHITE	-	-	-	-	-	Greenlee & NSI Dieless - HK12ID, EK12IDL, N12ID
ST98110C			5/8	1	2.18	6.81	3.15	0.33	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)