TECHNICAL DATA SHEET - INTERACTIVE PDF

Lugs, standard barrel 1 hole straight tongue

14-10 AWG to 1000 kcmil

Color-Keyed®

Standard barrel lugs for wire termination of copper conductors ranging from 14-10 AWG to 1000 kcmil

Certifications / Standards:

3-Part Specification: 26 05 83.12
Tools and Calculators

Features:
- Features Color-Keyed® identification system
- Chamfered barrel design helps eliminate wire hang-ups and maximizes crimp area
- Peep hole for visual inspection of wire fit

Material / Finishes:
- High conductivity copper / Electro tin plated

Installation Tools:
- Hydraulic Tools:
  - TBM6H*, TBM12***, 13100A***, TBM15I, 21940
- Battery Operated Tools:
  - BPLT6BSCR*, BPLT62BSCR*, BLT14BSCR, BPLT15BSCR
  - TBM8-750,** TBM8-750BSCR**, TBM8-750M-1**

*up to 500 Navy, **up to 750MCM, ***up to 900MCM

Conforms to:
- UL 486 A, UL486 B
- CSA C22.2 No. 65-18
- RoHS3 (Restriction of Hazardous Substance)
  - European Directive 2011/65 and Commission Delegated Directive 2015/863

Table data:
- 14 AWG to 2/0 AWG
- 3/0 to 400 kcmil
- 400 Weld to 1000 kcmil

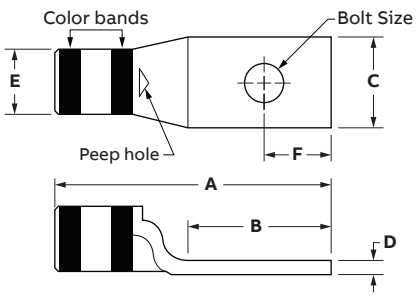
Lugs, standard one hole

14 AWG to 2/0 AWG

Product selection and dimensions

Part no.	Code	Wire Size		Dimensions (inches)						Die Code	Die Color
		Flex Class G, H, I, K, M	Bolt Size	A ±0.062	B ±0.031	C ±0.031	D Approx.	E Nom.	F ±0.031		
54101	14-10 AWG	–	¼	1.23	0.59	0.50	0.05	0.20	¼	ERG4002 ERG4005	"C" Nest
256-30695-1351			#8	1.36	0.68	0.36	0.05	0.20	¼		
256-30695-1352			¼	1.36	0.68	0.41	0.05	0.20	¼		
256-30695-263			¼	1.69	0.81	0.50	0.07	0.20	¼		
54104	8	23 Navy #8 Weld 37/24 = 14.9 kcmil	#10	1.16	0.50	0.39	0.08	0.26	7/32	21	Red
54130			¼	1.20	0.61	0.45	0.07	0.26	¼		
54131			5/16	1.33	0.64	0.56	0.05	0.26	9/32		
54132			⅜	1.33	0.64	0.56	0.05	0.26	9/32		
256-30695-424			½	1.75	1.31	1.00	0.13	0.25	½		
256-30695-1361	6	#30 Navy #6 Weld 61/24 = 24.6 kcmil 133/.014	#12	1.23	0.53	0.44	0.07	0.31	7/32	24	Blue
54134			#10	1.23	0.53	0.44	0.07	0.31	7/32		
54105			¼	1.23	0.53	0.44	0.07	0.31	7/32		
54135			5/16	1.41	0.67	0.60	0.07	0.31	5/16		
54136			⅜	1.41	0.67	0.60	0.07	0.31	5/16		
256-30695-282			⅜	1.41	0.75	0.56	0.06	0.31	5/16		
256-30695-422			½	2.02	1.31	1.00	0.13	0.31	½		
256-30695-1362	4	#4 Weld 40–50 Navy 91/24 = 36.7 kcmil 133/.0177 49/.029 #5 91/24	#12	1.38	0.60	0.55	0.09	0.37	¼	29	Gray
54138			#10	1.38	0.60	0.55	0.09	0.37	¼		
54106			¼	1.38	0.60	0.55	0.09	0.37	¼		
54139			5/16	1.42	0.66	0.61	0.07	0.37	5/16		
54140			⅜	1.42	0.66	0.61	0.07	0.37	5/16		
256-30695-233			⅜	1.56	0.75	0.59	0.06	0.37	5/16		
256-30695-264			½	2.20	1.40	1.00	0.06	0.37	½		
54107	2	#60 Navy 125/24 = 50.5 kcmil #3 Weld	¼	1.50	0.65	0.59	0.11	0.41	¼	33	Brown
54142-TB			5/16	1.73	0.88	0.59	0.11	0.41	⅜		
54143-TB			⅜	1.65	0.80	0.59	0.11	0.41	⅜		
54145-TB			½	1.92	1.08	0.75	0.08	0.41	½		
54108	1	75 Navy, #2 Weld 150/24 = 60.5 kcmil 175/24 = 70.6 kcmil 133/.0223	¼	1.50	0.65	0.68	0.11	0.47	¼	37	Green
54147			5/16	1.73	0.93	0.68	0.11	0.47	⅜		
54148			⅜	1.78	0.98	0.68	0.11	0.47	⅜		
54150			½	2.10	1.25	0.76	0.11	0.47	½		
54152-TB	1/0	#100 Navy #1 Weld 225/24 = 90.8 kcmil 133/.0254	¼	1.60	0.65	0.75	0.13	0.52	¼	42	Pink
54153-TB			5/16	1.83	0.88	0.75	0.13	0.52	⅜		
54109			⅜	1.88	0.93	0.75	0.13	0.52	⅜		
54155-TB			½	2.20	1.25	0.75	0.13	0.52	½		
256-30695-1383			⅝	2.54	1.50	0.88	0.13	0.52	⅝		
54157	2/0	125 Navy 1/0 Weld 275/24 = 111 kcmil 427/.0155 133/.0282	¼	1.65	0.65	0.83	0.13	0.57	¼	45	Black
54158			5/16	1.88	0.88	0.83	0.13	0.57	⅜		
54110			⅜	1.93	0.93	0.83	0.13	0.57	⅜		
54160			½	2.25	1.25	0.83	0.13	0.57	½		
256-30695-131			⅝	2.56	1.50	0.83	0.13	0.57	⅝		

Note: Product must be installed in accordance with applicable national and local electrical codes.



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Lugs, standard one hole

3/0 to 400 kcmil

Product selection and dimensions

Part no.	Code	Wire Size		Dimensions (inches)						Die Code	Die Color
		Flex Class G, H, I, K, M	Bolt Size	A ±0.062	B ±0.031	C ±0.031	D Approx.	E Nom.	F ±0.031		
54162-TB	3/0 AWG	150 Navy, 2/0 Weld 325/24 = 131 kcmil 133/.0316, 259/.0227 427/.0177	¼	1.75	0.65	0.92	0.13	0.63	¼	50	Orange
54163-TB			5/16	1.98	0.88	0.92	0.13	0.63	⅜		
54111			⅜	2.03	0.93	0.92	0.13	0.63	⅜		
54165-TB			½	2.35	1.25	0.92	0.13	0.63	½		
54167	4/0 AWG	200 Navy 3/0 Weld 450/24 = 182 kcmil 703/.0154	¼	1.90	0.65	1.03	0.14	0.70	¼	54	Purple
54168			5/16	2.13	0.87	1.03	0.14	0.70	⅜		
54112			⅜	2.18	0.93	1.03	0.14	0.70	⅜		
54170			½	2.50	1.25	1.03	0.14	0.70	½		
256-30695-1174			¾	2.86	1.56	1.03	0.14	0.70	¾		
58161	–	4/0 Weld 550/24 = 222 kcmil 133/.0399 259/.0286 637/.0183	¼	2.23	0.78	1.25	0.15	0.79	⅜	62	Yellow
58162			5/16	2.33	0.88	1.25	0.15	0.79	⅜		
58163			⅜	2.38	0.93	1.25	0.15	0.79	⅜		
58165			½	2.76	1.25	1.25	0.15	0.79	½		
58166			⅝	3.03	1.58	1.25	0.15	0.79	⅝		
54172-TB	250 kcmil	250 Navy	¼	2.00	0.65	1.13	0.14	0.77	¼		
54173			5/16	2.23	0.88	1.13	0.14	0.77	⅜		
54174			⅜	2.28	0.93	1.13	0.14	0.77	⅜		
54113			½	2.60	1.25	1.13	0.14	0.77	½		
58168	–	250 Weld, 650/24 = 262 kcmil, 259/.0311, 703/.0189	½	2.70	1.25	1.25	0.15	0.85	½	66	White
54178	300 kcmil	300 Navy	5/16	2.33	0.88	1.25	0.15	0.85	⅜		
54179			⅜	2.43	0.93	1.25	0.15	0.85	⅜		
54114			½	2.70	1.25	1.25	0.15	0.85	½		
54181			⅝	3.03	1.58	1.25	0.15	0.85	⅝		
58171	–	300 Weld, 259/.034, 427/.0265, 889/.0183 775/24 = 313 kcmil	½	2.85	1.25	1.36	0.18	0.93	½	71	Red
256-30695-112	350 kcmil	350 Navy	⅜	2.09	1.25	1.36	0.18	0.93	½		
54115			½	2.85	1.25	1.36	0.18	0.93	½		
54183			⅝	3.21	1.58	1.36	0.18	0.93	⅝		
58174	–	350 Weld, 259/.0368, 427/.0285, 703/.0224, 889/.0201	½	3.35	1.25	1.61	0.22	1.09	½	76	Blue
54116	400kcmil	400 Navy	½	3.20	1.25	1.41	0.17	0.96	½		
54185			⅝	3.53	1.58	1.41	0.17	0.96	⅝		

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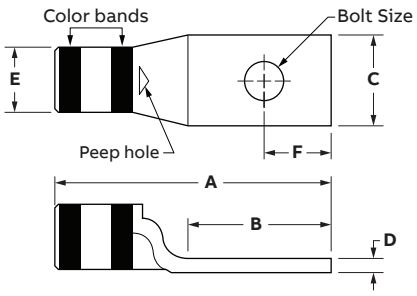

Lugs, standard one hole

400 Weld to 1000 kcmil

Product selection and dimensions

Part no.	Code	Wire Size		Dimensions (inches)						Die Code	Die Color
		Flex Class G, H, I, K, M	Bolt Size	A ±0.062	B ±0.031	C ±0.031	D Approx.	E Nom.	F ±0.031		
256-30695-1403	–	400 Weld	⅜	3.31	1.31	1.61	0.22	1.10	⅝	80	–
58177		925/24 = 373 kcmil 259/0.0393 or 427/0.0306	½	3.31	1.25	1.61	0.22	1.10	½		
256-30695-339	500 kcmil	500 Navy	⅜	3.10	1.00	1.61	0.22	1.10	⅜	87	Brown
54118			⅜	3.30	1.25	1.61	0.22	1.10	½		
54187			⅝	3.63	1.58	1.61	0.22	1.10	⅝		
58180	–	450 Flex, 1127, 4522 1100/24 = 444 kcmil	⅝	3.79	1.58	1.75	0.24	1.20	⅝	94	Green
256-30695-1370	600 kcmil	–	⅜	3.65	1.44	1.75	0.24	1.20	13/16		
54120			⅝	3.79	1.58	1.75	0.24	1.20	⅝		
54122-TB	700 kcmil	–	⅝	3.68	1.58	1.84	0.23	1.26	⅝	99	Pink
256-30695-1404	–	1325/24 = 535 kcmil 500 Flex 427/.0342 259, 4125, 5054	⅜	3.29	1.29	1.81	0.28	1.25	21/32		
256-30695-1405			⅜	3.29	1.12	1.81	0.28	1.25	½		
256-30695-840			⅜	4.00	1.69	1.81	0.28	1.25	13/16		
58182			⅝	3.83	1.58	1.81	0.28	1.25	⅝		
256-30695-193	750 kcmil	600 Flex 427	⅜	3.68	1.69	1.94	0.27	1.33	13/16	106	Black
54123-TB			⅝	3.87	1.58	1.94	0.27	1.33	⅝		
58184	–	1600/24 = 646 kcmil	⅝	3.80	1.58	1.94	0.27	1.33	⅝		
54124-TB	800 kcmil	800 Navy	⅝	4.04	1.58	2.01	0.27	1.38	⅝	107	Orange
256-30695-843	900 kcmil	1925/24 = 777 kcmil 900 Navy	⅜	4.31	1.81	2.17	0.31	1.50	⅞	115	Yellow
54126			⅝	4.15	1.58	2.17	0.31	1.50	⅝		
54128	1000 kcmil	1000 Navy	⅝	4.09	1.58	2.27	0.30	1.55	⅝	125	–

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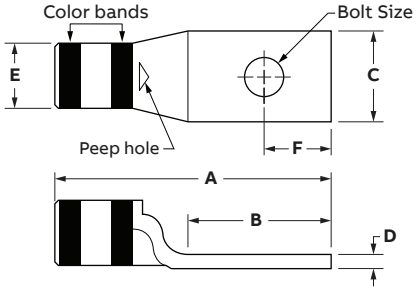

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