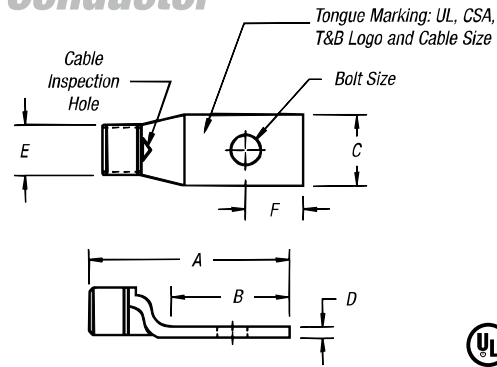


Compression Connectors for Copper Conductor

One-Hole Lugs — Standard Barrel 600V to 35kV

Material: High-Conductivity
Wrought Copper

Finish: Electro Tin Plate



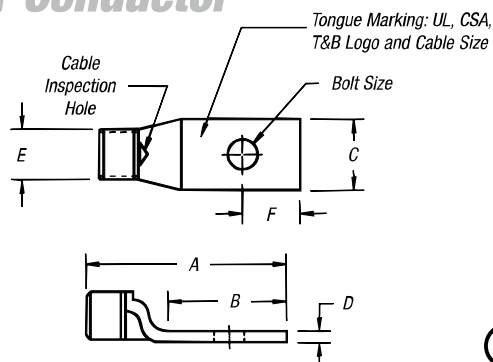
CAT. NO.	WIRE SIZE				DIMENSIONS (IN.)						DIE CODE	DIE COLOR
	CODE	FLEX CLASS G, H, I, K, M†	BOLT SIZE		A	B	C	D	E	F		
54101	#14–10 AWG		¼		1.23	.56	.50	.05	.20	¼	ERG4002 ERG4005	"C" NEST
256-30695-1351			#8		1.36	.68	.36	.05	.20	¼		
256-30695-1352			¼		1.36	.68	.41	.05	.20	¼		
256-30695-263			¼		1.69	.81	.50	.07	.20	¼		
54104	#8 AWG	23 Navy	#10		1.16	.50	.39	.08	.25	⅜	21	RED
54130			¼		1.20	.61	.45	.07	.25	¼	21	
54131			⅝		1.33	.64	.56	.05	.25	⅝	21	
54132			¾		1.33	.64	.56	.05	.25	¾	21	
256-30695-424	#6 AWG	37/24 = 14.9 kcmil	½		1.75	1.31	1.00	.13	.25	½	21	BLUE
256-30695-1361			#12		1.23	.53	.44	.07	.31	⅜	24	
54134			#10		1.23	.53	.44	.07	.31	⅜	24	
54105			¼		1.23	.53	.44	.07	.31	⅜	24	
54135	#4 AWG	#6 Weld	⅝		1.41	.67	.60	.07	.31	⅝	24	GRAY
54136			¾		1.41	.67	.60	.07	.31	¾	24	
256-30695-282			¾		1.41	.75	.56	.06	.31	¾	24	
256-30695-422			½		1.75	1.31	1.00	.13	.31	½	24	
256-30695-1362	#2 AWG	#4 Weld	#12		1.38	.60	.55	.09	.37	¼	29	BROWN
54138			#10		1.38	.60	.55	.09	.37	¼	29	
54106			¼		1.38	.60	.55	.09	.37	¼	29	
54139			⅝		1.42	.66	.61	.07	.37	⅝	29	
54140	#1 AWG	40–50 Navy	¾		1.42	.66	.61	.07	.37	¾	29	GREEN
256-30695-233			¾		1.56	.75	.59	.06	.37	¾	29	
256-30695-264			½		2.20	1.40	1.00	.06	.37	½	29	
54107			¼		1.50	.65	.59	.11	.41	¼	33	
54142-TB	1/0 AWG	#60 Navy	⅝		1.73	.88	.59	.11	.41	⅝	33	PINK
54143-TB			¾		1.65	.80	.59	.11	.41	¾	33	
54145-TB			½		1.92	1.08	.75	.08	.41	½	33	
54108			¼		1.50	.65	.68	.11	.47	¼	37	
54147	2/0 AWG	75 Navy, #2 Weld	⅝		1.73	.93	.68	.11	.47	⅝	37	BLACK
54148			¾		1.78	.98	.68	.11	.47	¾	37	
54150			½		2.10	1.25	.76	.11	.47	½	37	
54152-TB			¼		1.60	.65	.75	.13	.52	¼	42	
54153-TB	3/0 AWG	#100 Navy	⅝		1.83	.88	.75	.13	.52	⅝	42	BLACK
54109			¾		1.88	.93	.75	.13	.52	¾	42	
54155-TB			½		2.20	1.25	.75	.13	.52	½	42	
256-30695-1383			¾		2.54	1.50	.88	.13	.52	¾	42	
54157	4/0 AWG	125 Navy	¼		1.65	.65	.83	.13	.57	¼	45	BLACK
54158			⅝		1.88	.88	.83	.13	.57	⅝	45	
54110			¾		1.93	.93	.83	.13	.57	¾	45	
54160			½		2.25	1.25	.83	.13	.57	½	45	
256-30695-131		133/.0282	¾		2.56	1.50	.83	.13	.57	¾	45	

† Contact Technical Services for specific stranding listings

Tooling: pp. F-80–F-100

Die Selector Chart: pp. F-101–F-104

Compression Connectors for Copper Conductor



CAT. NO.	WIRE SIZE			DIMENSIONS (IN.)							DIE CODE	DIE COLOR
	CODE	FLEX CLASS G, H, I, K, M†	BOLT SIZE	A	B	C	D	E	F			
54162-TB	3/0 AWG	150 Navy, 2/0 Weld	1/4	1.75	.65	.92	.13	.63	1/4	50	ORANGE	
54163-TB		325/24 = 131 kcmil	5/16	1.98	.88	.92	.13	.63	3/8	50		
54111		133/.0316, 259/.0227	3/8	2.03	.93	.92	.13	.63	3/8	50		
54165-TB	4/0 AWG	427/.0177	1/2	2.35	1.25	.92	.13	.63	1/2	50	PURPLE	
54167		200 Navy	1/4	1.90	.65	1.03	.14	.70	1/4	54		
54168		3/0 Weld	5/16	2.13	.87	1.03	.14	.70	3/8	54		
54112		450/24 = 182 kcmil	3/8	2.18	.93	1.03	.14	.70	3/8	54		
54170		703/.0154	1/2	2.50	1.25	1.03	.14	.70	1/2	54		
256-30695-1174			3/4	2.86	1.56	1.03	.14	.70	3/4	54		
58161	250 kcmil	4/0 Weld	1/4	2.23	.78	1.25	.15	.79	3/8	62	YELLOW	
58162		550/24 = 222 kcmil	5/16	2.33	.88	1.25	.15	.79	3/8	62		
58163		133/.0399	3/8	2.38	.93	1.25	.15	.79	3/8	62		
58165		259/.0286	1/2	2.76	1.25	1.25	.15	.79	1/2	62		
58166		637/.0183	3/4	3.03	1.58	1.25	.15	.79	3/4	62		
54172-TB			1/4	2.00	.65	1.13	.14	.77	1/2	62		
54173	250 kcmil	250 Navy	5/16	2.23	.88	1.13	.14	.77	3/8	62	WHITE	
54174			3/8	2.28	.93	1.13	.14	.77	3/8	62		
54113			1/2	2.60	1.25	1.13	.14	.77	1/2	62		
58168	300 kcmil	250 Weld, 650/24 = 262 kcmil, 259/.0311, 703/.0189	1/2	2.70	1.25	1.25	.15	.85	1/2	66	RED	
54178			5/16	2.33	.88	1.25	.15	.85	3/8	66		
54179		300 Navy	3/8	2.43	.93	1.25	.15	.85	3/8	66		
54114			1/2	2.70	1.25	1.25	.15	.85	1/2	66		
54181			3/4	3.03	1.58	1.25	.15	.85	3/4	66		
58171	350 kcmil	300 Weld, 259/.034, 427/.0265, 889/.0183 775/24 = 313 kcmil	1/2	2.85	1.25	1.36	.18	.93	1/2	71	RED	
256-30695-112			3/8	2.90	1.13	1.36	.18	.93	1/2	71		
54115		350 Navy	1/2	2.85	1.25	1.36	.18	.93	1/2	71		
54183	400 kcmil		3/4	3.21	1.58	1.36	.18	.93	3/4	71	BLUE	
58174		350 Weld, 259/.0368, 427/.0285, 703/.0224, 889/.0201	1/2	3.35	1.25	1.61	.22	1.09	1/2	76		
54116		400 Navy	1/2	3.20	1.25	1.41	.17	.96	1/2	76		
54185			3/4	3.53	1.58	1.41	.17	.96	3/4	76		

† Contact Technical Services for specific stranding listings

Tooling: pp. F-80-F-100

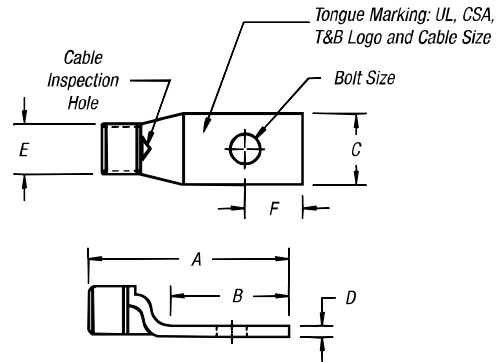
Die Selector Chart: pp. F-101-F-104

Compression Connectors for Copper Conductor

One-Hole Lugs — Standard Barrel 600V to 35kV (continued)

Material: High-Conductivity
Wrought Copper

Finish: Electro Tin Plate



CAT. NO.	WIRE SIZE			DIMENSIONS (IN.)						DIE CODE	DIE COLOR
	CODE	FLEX CLASS G, H, I, K, M†	BOLT SIZE	A	B	C	D	E	F		
256-30695-1403	500 kcmil	400 Weld									N/A
58177		925/24 = 373 kcmil	¾	3.31	1.31	1.61	.22	1.04	¾	80	
		259/.0393	½	3.31	1.25	1.61	.22	1.04	½	80	
		or 427/.0306									
256-30695-339	500 kcmil		¾	3.10	1.00	1.61	.22	1.10	¾	87	BROWN
54118		500 Navy	½	3.30	1.25	1.61	.22	1.10	½	87	
54187			¾	3.63	1.58	1.61	.22	1.10	¾	87	
58180		450 Flex, 1127, 4522	¾	3.79	1.58	1.75	.24	1.20	¾	94	GREEN
		1100/24 = 444 kcmil									
256-30695-1370	600 kcmil		½	3.65	1.44	1.75	.24	1.20	¾	94	
54120			¾	3.79	1.58	1.75	.24	1.20	¾	94	
54122-TB	700 kcmil		¾	3.68	1.58	1.84	.23	1.26	¾	99	PINK
256-30695-1404			¾	3.29	1.29	1.81	.28	1.25	2½/32	99	
256-30695-1405		1325/24 = 535 kcmil	½	3.29	1.29	1.81	.28	1.25	2½/32	99	
256-30695-840		500 Flex 427/.0342	½	4.00	1.69	1.81	.28	1.25	¾	99	
58182		259, 4125, 5054	¾	3.83	1.58	1.81	.28	1.25	¾	99	BLACK
256-30695-193	750 kcmil		½	4.00	1.69	1.94	.27	1.33	¾	106	
54123-TB		600 Flex 427	¾	3.87	1.58	1.94	.27	1.33	¾	106	
58184		1600/24 = 646 kcmil	¾	3.80	1.58	1.94	.27	1.33	¾	106	ORANGE
54124-TB	800 kcmil	800 Navy	¾	4.04	1.58	2.01	.27	1.38	¾	107	
256-30695-843		1925/24 = 777 kcmil	½	4.31	1.81	2.17	.31	1.50	¾	115	YELLOW
54126	900 kcmil										
54126		900 Navy	¾	4.15	1.58	2.17	.31	1.50	¾	115	
54128	1000 kcmil	1000 Navy	¾	4.09	1.58	2.27	.30	1.55	¾	125	N/A

† Contact Technical Services for specific stranding listings

Tooling: **pp. F-80-F-100**

Die Selector Chart: **pp. F-101-F-104**

Note: Angled Lugs can be readily available as: 15°, 30°, 45°, 60°, and 90°