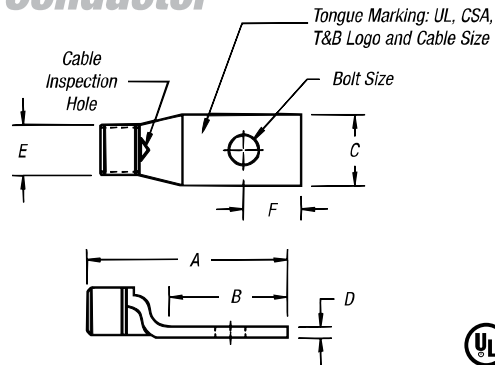


Compression Connectors for Copper Conductor

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

Material: High-Conductivity
Wrought Copper

Finish: Electro Tin Plate



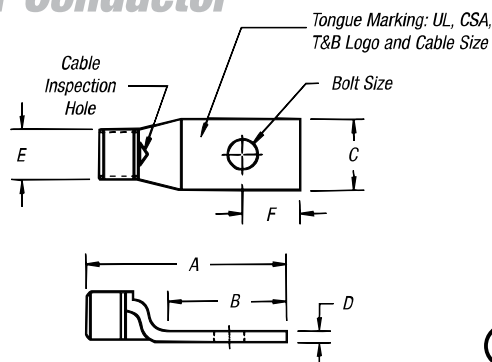
CAT. NO.	WIRE SIZE				DIMENSIONS (IN.)						DIE CODE	DIE COLOR
	CODE	FLEX CLASS G, H, I, K, M†	BOLT SIZE		A	B	C	D	E	F		
54101	#14-10 AWG		¼		1.23	.56	.50	.05	.20	¼	ERG4002 ERG4005	"C" NEST
256-30695-1351			#8		1.36	.68	.36	.05	.20	¼		
256-30695-1352			¼		1.36	.68	.41	.05	.20	¼		
256-30695-263			¼		1.69	.81	.50	.07	.20	¼		
54104	#8 AWG	23 Navy #8 Weld 37/24 = 14.9 kcmil	#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	61/24 = 24.6 kcmil 133/.014	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	91/24 = 36.7 kcmil 133/.0177 49/.029	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 40-50 Navy 91/24 = 36.7 kcmil 133/.0177 49/.029	#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	175/24 = 70.6 kcmil 133/.0223	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 125/24 = 50.5 kcmil #3 Weld	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	150/24 = 60.5 kcmil 175/24 = 70.6 kcmil 133/.0223	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	256-30695-1383	#100 Navy #1 Weld 225/24 = 90.8 kcmil 133/.0254	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	256-30695-131	125 Navy 1/0 Weld 275/24 = 111 kcmil 427/.0155	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



WIRE SIZE				DIMENSIONS (IN.)						DIE CODE	DIE COLOR
CAT. NO.	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	¼	1.75	.65	.92	.13	.63	¼	50	ORANGE
54163-TB		325/24 = 131 kcmil	⅝ ₁₆	1.98	.88	.92	.13	.63	⅝ ₈	50	
54111		133/.0316, 259/.0227	⅜	2.03	.93	.92	.13	.63	⅜	50	
54165-TB		427/.0177	½	2.35	1.25	.92	.13	.63	½	50	
54167	4/0 AWG	200 Navy	¼	1.90	.65	1.03	.14	.70	¼	54	PURPLE
54168		3/0 Weld	⅝ ₁₆	2.13	.87	1.03	.14	.70	⅝ ₈	54	
54112		450/24 = 182 kcmil	⅜	2.18	.93	1.03	.14	.70	⅝ ₈	54	
54170		703/.0154	½	2.50	1.25	1.03	.14	.70	½	54	
256-30695-1174			¾	2.86	1.56	1.03	.14	.70	¾	54	
58161	250 kcmil	4/0 Weld	¼	2.23	.78	1.25	.15	.79	⅝ ₈	62	YELLOW
58162		550/24 = 222 kcmil	⅝ ₁₆	2.33	.88	1.25	.15	.79	⅝ ₈	62	
58163		133/.0399	⅜	2.38	.93	1.25	.15	.79	⅝ ₈	62	
58165		259/.0286	½	2.76	1.25	1.25	.15	.79	½	62	
58166		637/.0183	⅝	3.03	1.58	1.25	.15	.79	⅝ ₈	62	
54172-TB				¼	2.00	.65	1.13	.14	.77	½	
54173	250 kcmil	250 Navy	⅝ ₁₆	2.23	.88	1.13	.14	.77	⅝ ₈	62	
54174			⅜	2.28	.93	1.13	.14	.77	⅝ ₈	62	
54113			½	2.60	1.25	1.13	.14	.77	½	62	
58168	300 kcmil	250 Weld, 650/24 = 262 kcmil, 259/.0311, 703/.0189	½	2.70	1.25	1.25	.15	.85	½	66	WHITE
54178			⅝ ₁₆	2.33	.88	1.25	.15	.85	⅝ ₈	66	
54179		300 Navy	⅜	2.43	.93	1.25	.15	.85	⅝ ₈	66	
54114			½	2.70	1.25	1.25	.15	.85	½	66	
54181			⅝	3.03	1.58	1.25	.15	.85	¾	66	
58171	350 kcmil	300 Weld, 259/.034, 427/.0265, 889/.0183 775/24 = 313 kcmil	½	2.85	1.25	1.36	.18	.93	½	71	RED
256-30695-112			⅝	2.90	1.13	1.36	.18	.93	½	71	
54115		350 Navy	½	2.85	1.25	1.36	.18	.93	½	71	
54183			⅝	3.21	1.58	1.36	.18	.93	¾	71	
58174	400 kcmil	350 Weld, 259/.0368, 427/.0285, 703/.0224, 889/.0201	½	3.35	1.25	1.61	.22	1.09	½	76	BLUE
54116		400 Navy	½	3.20	1.25	1.41	.17	.96	½	76	
54185			⅝	3.53	1.58	1.41	.17	.96	¾	76	

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Tooling: pp. F-80-F-100

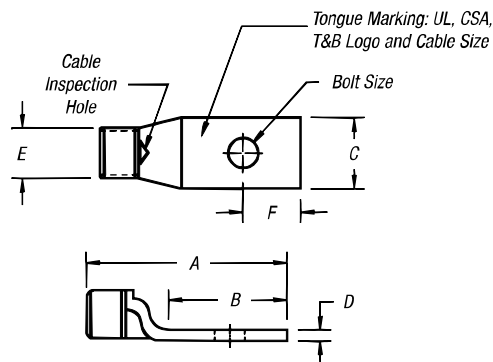
Die Selector Chart: pp. F-101-F-104

Compression Connectors for Copper Conductor

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

Material: High-Conductivity
Wrought Copper

Finish: Electro Tin Plate



WIRE SIZE												DIMENSIONS (IN.)						DIE CODE	DIE COLOR
CAT. NO.	CODE	FLEX CLASS	G, H, I, K, M†	BOLT SIZE	A	B	C	D	E	F									
		400 Weld																	
256-30695-1403		925/24 = 373	kcmil	¾	3.31	1.31	1.61	.22	1.04	⅝	80	N/A							
58177		259/.0393		½	3.31	1.25	1.61	.22	1.04	½	80								
		or 427/.0306																	
256-30695-339				¾	3.10	1.00	1.61	.22	1.10	¾	87	BROWN							
54118	500 kcmil	500 Navy		½	3.30	1.25	1.61	.22	1.10	½	87								
54187				⅝	3.63	1.58	1.61	.22	1.10	⅝	87								
		450 Flex, 1127, 4522										GREEN							
58180		1100/24 = 444	kcmil	⅝	3.79	1.58	1.75	.24	1.20	⅝	94								
256-30695-1370				½	3.65	1.44	1.75	.24	1.20	31⁄64	94								
54120	600 kcmil			⅝	3.79	1.58	1.75	.24	1.20	⅝	94	PINK							
54122-TB	700 kcmil			⅝	3.68	1.58	1.84	.23	1.26	⅝	99								
256-30695-1404		1325/24 = 535	kcmil	¾	3.29	1.29	1.81	.28	1.25	21⁄32	99								
256-30695-1405		500 Flex 427/.0342		½	3.29	1.29	1.81	.28	1.25	21⁄32	99	PINK							
256-30695-840		259, 4125, 5054		½	4.00	1.69	1.81	.28	1.25	31⁄64	99								
58182				⅝	3.83	1.58	1.81	.28	1.25	⅝	99								
256-30695-193		600 Flex 427			½	4.00	1.69	1.94	.27	1.33	31⁄64	106	BLACK						
54123-TB	750 kcmil			⅝	3.87	1.58	1.94	.27	1.33	⅝	106								
58184		1600/24 = 646	kcmil	¾	3.80	1.58	1.94	.27	1.33	⅝	106								
54124-TB	800 kcmil	800 Navy		¾	4.04	1.58	2.01	.27	1.38	⅝	107	ORANGE							
256-30695-843		1925/24 = 777	kcmil	½	4.31	1.81	2.17	.31	1.50	7⁄8	115	YELLOW							
54126	900 kcmil			¾	4.15	1.58	2.17	.31	1.50	⅝	115								
54126		900 Navy		⅝	4.15	1.58	2.17	.31	1.50	⅝	115								
54128	1000 kcmil	1000 Navy		¾	4.09	1.58	2.27	.30	1.55	⅝	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°