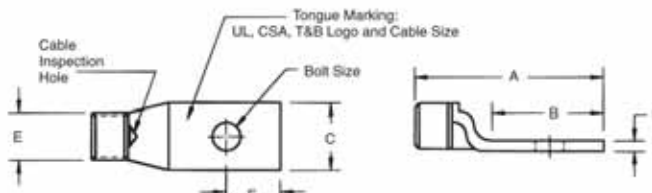




## Compression Connectors for Copper Conductors

**One-Hole Lugs — Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>**

**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)						Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		A	B	C	D	E	F		
54101	#14-10 AWG	-	1/4	1.23 (31.2)	0.56 (14.2)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	ERG2002	Yellow
256-30695-1351			#8	1.36 (34.5)	0.68 (17.3)	0.36 (9.1)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)		
256-30695-1352			1/4	1.36 (34.5)	0.68 (17.3)	0.41 (10.4)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)		
256-30695-263			1/4	1.69 (43.0)	0.81 (20.6)	0.50 (12.7)	0.07 (1.8)	0.20 (5.1)	0.25 (6.4)		
54104	#8 AWG	#8 Str., 23 Navy #8 Weld 37/24 0.180	#10	1.16 (29.5)	0.50 (12.7)	0.39 (9.9)	0.08 (2.0)	0.25 (6.4)	0.22 (5.6)	21	Red
54130			1/4	1.20 (30.5)	0.61 (15.5)	0.45 (11.4)	0.07 (1.8)	0.25 (6.4)	0.25 (6.4)		
54131			5/16	1.33 (33.8)	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)		
54132			3/8	1.33 (33.8)	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)		
256-30695-424			1/2	1.75 (44.5)	1.31 (33.3)	1.00 (25.4)	0.13 (3.3)	0.25 (6.4)	0.50 (12.7)		
256-30695-1361	#6 AWG	#6 Str., #30 Navy #6 Weld 61/24 133/0.014, 0.227	#12	1.23 (31.2)	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.8)	0.22 (5.6)	24	Blue
54134			#10	1.23 (31.2)	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.8)	0.22 (5.6)		
54105			1/4	1.23 (31.2)	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.8)	0.22 (5.6)		
54135			5/16	1.41 (35.8)	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.8)	0.31 (7.9)		
54136			3/8	1.41 (35.8)	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.8)	0.31 (7.9)		
256-30695-282			3/8	1.41 (35.8)	0.75 (19.1)	0.56 (14.2)	0.06 (1.5)	0.31 (7.8)	0.31 (7.9)		
256-30695-422	1/2	1.75 (44.5)	1.31 (33.3)	1.00 (25.4)	0.13 (3.3)	0.31 (7.8)	0.50 (12.7)				
256-30595-1362	#4 AWG	#5 Str., 40-50 Navy 91/24 133/0.0177, 49/0.029 0.265	#12	1.38 (35.1)	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	Grey
54138			#10	1.38 (35.1)	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)		
54106			1/4	1.38 (35.1)	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)		
54139			5/16	1.42 (36.1)	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.9)		
54140			3/8	1.42 (36.1)	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.9)		
256-30695-233			3/8	1.56 (37.0)	0.75 (19.1)	0.59 (15.0)	0.06 (1.5)	0.37 (9.4)	0.31 (7.9)		
256-30695-264	1/2	2.20 (56.0)	1.40 (35.6)	1.00 (25.4)	0.06 (1.5)	0.37 (9.4)	0.50 (12.7)				
54107	#2 AWG	#3 Str., #60 Navy 125/24 #4 Weld 0.300	1/4	1.50 (38.1)	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54142-TB			5/16	1.73 (43.9)	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)		
54143-TB			3/8	1.65 (41.9)	0.80 (20.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)		
54145-TB			1/2	1.92 (48.8)	1.08 (27.4)	0.75 (19.1)	0.08 (2.0)	0.41 (10.4)	0.50 (12.7)		
54108	#1 AWG	#2 Str., 75 Navy, #2 Weld 150/24 175/24 133/0.0223, 0.360	1/4	1.50 (38.1)	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54147			5/16	1.73 (43.9)	0.93 (23.6)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)		
54148			3/8	1.78 (45.2)	0.98 (24.9)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)		
54150			1/2	2.10 (53.3)	1.25 (31.8)	0.76 (19.3)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)		
54152-TB	1/0 AWG	1 AWG, #100 Navy #1 Weld 225/24 133/0.0254, 0.389 min.	1/4	1.60 (40.6)	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54153-TB			5/16	1.83 (46.5)	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)		
54109			3/8	1.88 (47.8)	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)		
54155-TB			1/2	2.20 (55.9)	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)		
256-30695-1383	2/0 AWG	1/0 AWG, 125 Navy 1/0 Weld 275/24 427/0.0155, 438 min. 133/0.0282	5/8	2.54 (64.5)	1.50 (38.1)	0.88 (22.4)	0.13 (3.3)	0.52 (13.2)	0.63 (16.0)	45	Black
54157			1/4	1.65 (41.9)	0.65 (16.5)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)		
54158			5/16	1.88 (47.8)	0.88 (22.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)		
54110			3/8	1.93 (49.0)	0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)		
54160	1/2	2.25 (57.2)	1.25 (31.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)				
256-30695-131	5/8	2.56 (65.0)	1.50 (38.1)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.63 (16.0)				

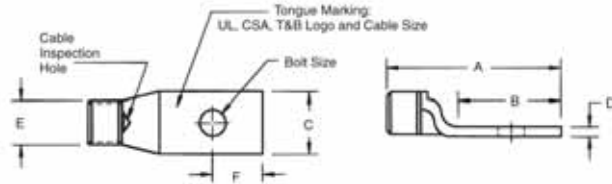
<sup>‡</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.

Tooling: pp. E4-E62

Die Selector Chart: pp. E35-E50

## Compression Connectors for Copper Conductors

One-Hole Lugs — Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup> (cont'd)



**Material:** High-Conductivity Wrought Copper

**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)						Die Code	Colour Code	
	Code Cable	Flex Cable Classes G, H, I, K, M		A	B	C	D	E	F			
54162-TB	3/0 AWG	2/0 AWG, 150 Navy	1/4	1.75 (44.5)	0.65 (16.5)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	50	Orange	
54163-TB		2/0 Weld	5/16	1.98 (50.3)	0.88 (22.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)			
54111		133/0.0316, 259/0.0227	3/8	2.03 (51.6)	0.93 (23.6)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)			
54165-TB		427/0.0177, 0.500	1/2	2.35 (59.7)	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)			
54167	4/0 AWG	3/0 AWG, 200 Navy	1/4	1.90 (48.3)	0.65 (16.5)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	54	Purple	
54168		3/0 Weld	5/16	2.13 (54.1)	0.87 (22.1)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)			
54112		450/24	3/8	2.18 (55.4)	0.93 (23.6)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)			
54170		703/0.0154, 0.560	1/2	2.50 (63.5)	1.25 (31.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)			
256-30695-1174	-	4/0 Weld	1/4	2.23 (56.6)	0.78 (19.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	Yellow	
58161			550/24	5/16	2.33 (59.2)	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)			0.38 (9.7)
58162			130/0.0399	3/8	2.38 (60.5)	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)			0.38 (9.7)
58165			259/0.0286	1/2	2.76 (70.1)	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)			0.50 (12.7)
58166	66	5/8	3.03 (77.0)	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.83 (21.1)				
54172-TB	250 kcmil	4/0	1/4	2.00 (50.8)	0.65 (16.5)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	66	White	
54173			250 Navy	5/16	2.23 (56.6)	0.88 (22.4)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)			0.38 (9.7)
54174			0.629	3/8	2.28 (57.9)	0.93 (23.6)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)			0.38 (9.7)
54113			1/2	2.60 (66.0)	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)			
58168	-	250 Weld	1/2	2.70 (68.6)	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)			
54178	300 kcmil	250 kcmil	5/16	2.33 (59.2)	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	66	White	
54179			300 Navy	3/8	2.43 (61.7)	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)			0.38 (9.7)
54114			0.660	1/2	2.70 (68.6)	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)			0.50 (12.7)
54181			5/8	3.03 (77.0)	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.75 (19.1)			
58171	-	300 Weld, 259/0.034	1/2	2.85 (72.4)	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red	
256-30695-112	350 kcmil	350 Navy	3/8	2.90 (73.7)	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)			
54115			427/0.0265, 889/0.0183	1/2	2.85 (72.4)	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)			0.50 (12.7)
54183			775/24 = 313 kcmil	5/8	3.21 (81.5)	1.28 (32.5)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)			0.75 (19.1)
58174	-	350 Weld, 259/0.0368	1/2	3.35 (85.1)	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.09 (27.7)	0.50 (12.7)	76	Blue	
54116	400 kcmil	300 kcmil	1/2	3.20 (81.3)	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)			
54185			400 Navy, 0.757	5/8	3.53 (89.7)	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)			0.75 (19.1)

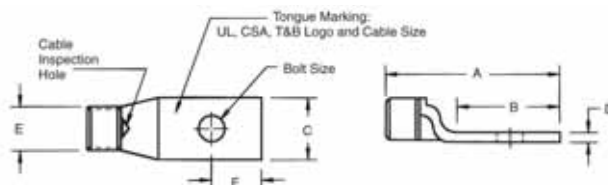
‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.  
 Tooling: pp. E4-E62  
 Die Selector Chart: pp. E35-E50



## Compression Connectors for Copper Conductors

**One-Hole Lugs — Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup> (cont'd)**

**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated

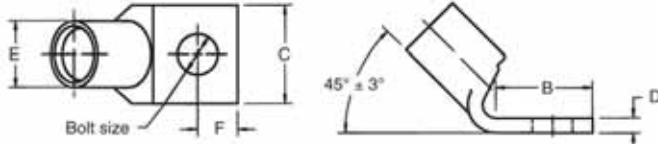


Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)						Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		A	B	C	D	E	F		
58177	-	400 Weld 925/24 = 373 kcmil 259/0.0393 or 427/0.0306, 0.799	1/2	3.31 (84.1)	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	80	-
256-30695-1403			3/8	3.31 (84.1)	1.31 (33.3)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.63 (16.0)		
256-30695-339	500 kcmil	925/24 500 Navy 0.850	3/8	3.10 (78.7)	1.00 (25.4)	1.61 (40.9)	0.22 (5.6)	1.10 (28.0)	0.38 (9.7)	87	Brown
54118			1/2	3.30 (83.8)	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)		
54187			5/8	3.63 (92.2)	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)		
58180	-	1100/24 = 444 kcmil 500 Weld, 259/0.0417 427/0.0325, 703/0.0253	5/8	3.79 (96.3)	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	94	Green
256-30695-1370	600 kcmil	0.956	1/2	3.65 (92.7)	1.44 (36.6)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.48 (12.2)		
54120			5/8	3.79 (96.3)	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)		
54122-TB	700 kcmil	-	5/8	3.68 (93.5)	1.58 (40.1)	1.84 (46.7)	0.23 (5.8)	1.26 (32.0)	0.63 (16.0)	99	Pink
256-30695-1404	-	1325/24 = 500/535 kcmil 427/0.0342, 0.968	3/8	3.29 (83.6)	1.29 (32.8)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.66 (16.8)		
256-30695-1405			1/2	3.29 (83.6)	1.29 (32.8)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.66 (16.8)		
256-30695-840			1/2	4.00 (101.6)	1.69 (42.9)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.48 (12.2)		
58182			5/8	3.83 (97.3)	1.58 (40.1)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.63 (16.0)		
256-30695-193	750 kcmil	1.060	1/2	4.00 (101.6)	1.69 (42.9)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.48 (12.2)	106	Black
54123-TB			5/8	3.87 (98.3)	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)		
58184	-	1600/24 = 646 kcmil	5/8	3.80 (96.5)	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	107	Orange
54124-TB	800 kcmil	800 Navy, 1.109	5/8	4.04 (102.6)	1.58 (40.1)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.63 (16.0)		
256-30695-843	900 kcmil	1925/24 = 750/777 kcmil 1.187	1/2	4.31 (109.5)	1.81 (46.0)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.88 (22.4)	115	Yellow
54126			5/8	4.15 (105.4)	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)		
54128	1000 kcmil	1000 Navy, 1.253	5/8	4.09 (103.9)	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	-

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.  
 Tooling: pp. E4-E62  
 Die Selector Chart: pp. E35-E50

## Compression Connectors for Copper Conductors

**One-Hole Lugs — 45° Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>**



**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)					Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F		
54104UF	#8 AWG	#8 Str., 23 Navy #8 weld 37/24 0.180	#10	0.50 (12.7)	0.39 (9.9)	0.08 (2.0)	0.25 (6.4)	0.22 (5.6)	21	Red
54130UF			1/4	0.61 (15.5)	0.45 (11.4)	0.07 (1.8)	0.25 (6.4)	0.25 (6.4)		
54131UF			5/16	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)		
54132UF			3/8	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)		
54134UF	#6 AWG	#6 Str., 30 Navy #6 Weld 61/24 133/0.014 0.227	#10	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.9)	0.22 (5.6)	24	Blue
54105UF			1/4	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.9)	0.22 (5.6)		
54135UF			5/16	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.9)	0.31 (7.8)		
54136UF			3/8	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.9)	0.31 (7.8)		
54138UF	#4 AWG	#5 Str., 40-50 Navy 91/24 133/0.0177 49/0.029 0.265	#10	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	Grey
54106UF			1/4	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)		
54139UF			5/16	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.8)		
54140UF			3/8	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.8)		
256-30695-264UF	#2 AWG	#3 Str. 60 Navy 125/24 #4 Weld 0.300	1/2	1.40 (35.6)	1.00 (25.4)	0.06 (1.5)	0.37 (9.4)	0.50 (12.7)	33	Brown
54107UF			1/4	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)		
54142UF			5/16	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)		
54143UF			3/8	0.80 (20.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)		
54145UF	#1 AWG	#2 AWG, 75 Navy, #2 Weld 150/24 175/24 133/0.0223 0.360	1/2	1.08 (27.4)	0.75 (19.1)	0.08 (2.0)	0.41 (10.4)	0.50 (12.7)	37	Green
54108UF			1/4	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)		
54147UF			5/16	0.93 (23.6)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)		
54148UF			3/8	0.98 (24.9)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)		
54150UF	1/0 AWG	#1 AWG 100 Navy, #1 Weld 225/24 133/0.0254 0.389	1/2	1.25 (31.8)	0.76 (19.3)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	42	Pink
54152UF			1/4	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)		
54153UF			5/16	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)		
54109UF			3/8	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)		
54155UF	2/0 AWG	1/0 AWG, 125 Navy 1/0 Weld 275/24 427/0.0155, 133/0.0282	1/2	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	45	Black
54157UF			1/4	0.65 (16.5)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)		
54158UF			5/16	0.88 (22.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)		
54110UF			3/8	0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)		
54160UF	3/0 AWG	2/0 AWG, 150 Navy 2/0 Weld, 325/24 133/0.0316, 259/0.0227 427/0.0177	1/2	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	50	Orange
54162UF			1/4	0.65 (16.5)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)		
54163UF			5/16	0.88 (22.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)		
54111UF			3/8	0.93 (23.6)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)		
54165UF	4/0 AWG	3/0 AWG 200 Navy, 3/0 Weld 450/24 703/0.0154	1/2	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	54	Purple
58147UF*			1/4	0.78 (19.8)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.34 (8.6)		
58148UF*			5/16	0.78 (19.8)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.34 (8.6)		
58149UF*			3/8	0.81 (20.6)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.38 (9.7)		
58151UF*	-	375/24	1/2	1.06 (26.9)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.50 (12.7)	62	Yellow
54167UF			1/4	0.65 (16.5)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)		
54168UF			5/16	0.87 (22.1)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)		
54112UF			3/8	0.93 (23.6)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)		
54170UF	-	4/0 AWG, 4/0 Weld 550/24 133/0.0399 259/0.0286 637/0.0183	1/2	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	Yellow
58161UF			1/4	0.78 (19.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)		
58162UF			5/16	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)		
58163UF			3/8	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)		
58165UF	-	-	1/2	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.50 (12.7)	62	Yellow
58166UF			5/8	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.63 (16.0)		

\* Not CSA approved.  
 Call your Regional Sales Office for sizes not listed.  
 Tooling: pp. E4-E62  
 Die Selector Chart: pp. E35-E50

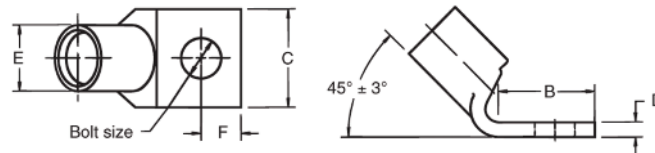
‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.



## Compression Connectors for Copper Conductors

**One-Hole Lugs — 45° Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup> (cont'd)**

**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated



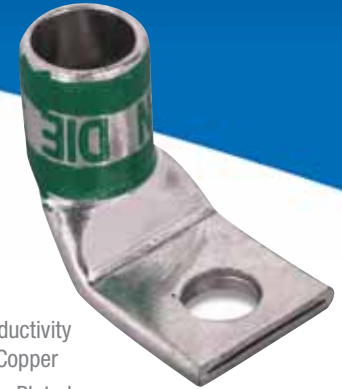
Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)					Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F		
54172UF	250 kcmil	4/0 AWG 250 Navy 550/24	1/4	0.65 (16.5)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.25 (6.4)	62	Yellow
54173UF			5/16	0.88 (22.4)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)		
54174UF			3/8	0.93 (23.6)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)		
54113UF			1/2	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)		
58168UF	—	250 Weld 650/24 259/0.0311, 703/0.0189	1/2	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White
54178UF	300 kcmil	250 kcmil 300 Navy 650/24	5/16	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)		
54179UF			3/8	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)		
54114UF			1/2	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)		
54181UF			5/8	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.63 (16.0)		
58171UF	—	300 kcmil, 300 Weld 259/0.034, 427/0.0265 889/0.0183 775/24 = 313 kcmil	1/2	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red
256-30695-112UF	350 kcmil	650/24 350 Navy 262 kcmil	3/8	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)		
54115UF			1/2	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)		
54183UF			5/8	1.58 (40.1)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.63 (16.0)		
58174UF	—	350 Weld 259/0.0368, 427/0.0285 703/0.0224, 889/0.0201	1/2	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.09 (27.7)	0.50 (12.7)	76	Blue
54116UF	400 kcmil	300 kcmil 400 Navy 775/24, 313 kcmil	1/2	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)		
54185UF			5/8	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)		
256-30695-1403UF	—	350 kcmil, 400 Weld 925/24 = 373 kcmil	3/8	1.31 (28.7)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.63 (16.0)	80	—
58177UF	1/2		1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)			
54118UF	500 kcmil	925/24 500 Navy 400 kcmil	1/2	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
58187UF			5/8	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)		
58180UF	—	1100/24 = 444 kcmil 500 Weld, 259/0.0417 427/0.0325, 703/0.0253	5/8	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green
58120UF	600 kcmil	1110/24 = 444 kcmil	5/8	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	99	Pink
54122UF	700 kcmil	1325/24 = 500 kcmil	5/8	1.58 (40.1)	1.84 (46.7)	0.23 (5.8)	1.26 (32.0)	0.50 (12.7)		
256-30695-840UF	—	1325/24 = 535 kcmil 427/0.0342	1/2	1.69 (42.9)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.81 (20.6)		
58182UF	—		5/8	1.58 (40.1)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.63 (16.0)		
54123UF	750 kcmil	1325/24 = 535 kcmil	5/8	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	Black
58184UF	—	1600/24 = 646 kcmil	5/8	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)		
54124UF	800 kcmil	800 Navy	5/8	1.58 (40.1)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.63 (16.0)	107	Orange
54126UF	900 kcmil	1925/24 = 777 kcmil	5/8	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow
54128UF	1000 kcmil	1000 Navy	5/8	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	—

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.  
 Tooling: pp. E4–E62  
 Die Selector Chart: pp. E35–E50

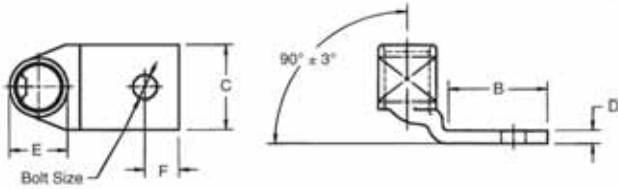


## Compression Connectors for Copper Conductors

**One-Hole Lugs — 90° Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>**



**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)					Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F		
54104UB	#8 AWG	#8 Str. 23 Navy #8 Weld 37/24 0.180	#10	0.50 (12.7)	0.39 (9.9)	0.08 (2.0)	0.25 (6.4)	0.22 (5.6)	21	Red
54130UB			1/4	0.61 (15.5)	0.45 (11.4)	0.07 (1.8)	0.25 (6.4)	0.25 (6.4)		
54131UB			5/16	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)		
54132UB			3/8	0.64 (16.3)	0.56 (14.2)	0.05 (1.3)	0.25 (6.4)	0.28 (7.1)		
54134UB	#6 AWG	#6 AWG, 30 Navy #6 Weld 61/24 133/0.014 0.227	#10	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.9)	0.22 (5.6)	24	Blue
54105UB			1/4	0.53 (13.5)	0.44 (11.2)	0.07 (1.8)	0.31 (7.9)	0.22 (5.6)		
54135UB			5/16	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.9)	0.31 (7.8)		
54136UB			3/8	0.67 (17.0)	0.60 (15.2)	0.07 (1.8)	0.31 (7.9)	0.31 (7.8)		
54138UB	#4 AWG	#5 AWG, 40/50 Navy 91/24 133/0.0177 49/0.029 0.265	#10	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	29	Grey
54106UB			1/4	0.60 (15.2)	0.55 (14.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)		
54139UB			5/16	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.8)		
54140UB			3/8	0.66 (16.8)	0.61 (15.5)	0.07 (1.8)	0.37 (9.4)	0.31 (7.8)		
256-30695-264UB			1/2	1.40 (35.6)	1.00 (25.4)	0.06 (1.5)	0.37 (9.4)	0.50 (12.7)		
54107UB	#2 AWG	#3 AWG 60 Navy 125/24 #4 Weld 0.300	1/4	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54142UB			5/16	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)		
54143UB			3/8	0.80 (20.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)		
54145UB			1/2	1.08 (27.4)	0.75 (19.1)	0.08 (2.0)	0.41 (10.4)	0.50 (12.7)		
54108UB	#1 AWG	#2 AWG, 75 Navy, #2 Weld 150/24 175/24 133/0.0223 0.360	1/4	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54147UB			5/16	0.93 (23.6)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)		
54148UB			3/8	0.98 (24.9)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)		
54150UB			1/2	1.25 (31.8)	0.76 (19.3)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)		
54152UB	1/0 AWG	#1 AWG 100 Navy, #1 Weld 225/24 133/0.0254 0.389	1/4	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54153UB			5/16	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)		
54109UB			3/8	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)		
54155UB			1/2	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)		
54157UB	2/0 AWG	1/0 AWG, 125 Navy 1/0 Weld 275/24 427/0.0155, 133/0.0282	1/4	0.65 (16.5)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	45	Black
54158UB			5/16	0.88 (22.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)		
54110UB			3/8	0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)		
54160UB			1/2	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)		
54162UB	3/0 AWG	2/0 AWG, 150 Navy, 2/0 Weld 325/24 133/0.0316, 259/0.0227 427/0.0177	1/4	0.65 (16.5)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	50	Orange
54163UB			5/16	0.88 (22.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)		
54111UB			3/8	0.93 (23.6)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)		
54165UB			1/2	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)		
54167UB	-	3/0 AWG, 200 Navy, 3/0 Weld 450/24 703/0.0154	1/4	0.65 (16.5)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.34 (8.6)	54	Purple
54168UB			5/16	0.87 (22.1)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.34 (8.6)		
54112UB			3/8	0.93 (23.6)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)		
54170UB			1/2	1.25 (31.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)		
58161UB	4/0 AWG	3/0 AWG, 4/0 Weld 550/24 133/0.0399 259/0.0286 637/0.0183	1/4	0.78 (19.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	62	Yellow
58162UB			5/16	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)		
58163UB			3/8	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)		
58165UB			1/2	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.50 (12.7)		
58166UB			5/8	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.63 (16.0)		

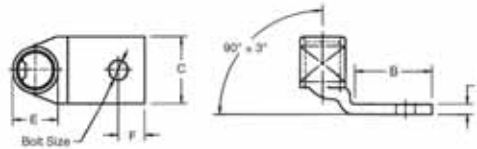
‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.  
 Tooling: pp. E4-E62  
 Die Selector Chart: pp. E35-E50



## Compression Connectors for Copper Conductors

**One-Hole Lugs — 90° Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup> (cont'd)**

**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)					Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F		
54172UB	250 kcmil	4/0 AWG 250 Navy 550/24	1/4	0.65 (16.5)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.25 (6.4)	62	Yellow
54173UB			5/16	0.88 (22.4)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)		
54174UB			3/8	0.93 (23.6)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)		
54113UB			1/2	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)		
58168UB	—	250 Weld 650/24 = 262 kcmil 259/0.0311, 703/0.0189	1/2	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White
54178UB	300 kcmil	250 kcmil 300 Navy 650/24	5/16	0.88 (22.4)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)		
54179UB			3/8	0.93 (23.6)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)		
54114UB			1/2	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)		
54181UB			5/8	1.58 (40.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.63 (16.0)		
58171UB	—	300 Weld, 259/0.034 427/0.0265, 889/0.0183 775/24 = 313 kcmil	1/2	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red
256-30695-112UB	350 kcmil	650/24, 350 Navy 262 kcmil	3/8	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)		
54115UB			1/2	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)		
54183UB			5/8	1.58 (40.1)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.63 (16.0)		
58174UB	—	350 Weld 259/0.0368, 427/0.0285 703/0.0224, 889/0.0201	1/2	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.09 (27.7)	0.50 (12.7)	76	Blue
54116UB	400 kcmil	300 kcmil 400 Navy 775/24, 313 kcmil	1/2	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)		
54185UB			5/8	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)		
256-30695-1403UB			—	400 Weld 925/24 = 373 kcmil 259/0.0393, 427/0.0306	3/8	1.31 (33.3)	1.61 (40.9)	0.22 (5.6)		
58177UB	—	400 Weld 925/24 = 373 kcmil 259/0.0393, 427/0.0306	1/2	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	80	—
54118UB	500 kcmil	400 kcmil 500 Navy 925/24	1/2	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
54187UB			5/8	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)		
58180UB	—	1100/24 = 444 kcmil 500 Weld, 259/0.0417 427/0.0325, 703/0.0253	5/8	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green
54120UB	600 kcmil	1100/24 = 444 kcmil	5/8	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)		
54122UB	700 kcmil	1325/24, 535 kcmil 500 AWG, 550/535	5/8	1.58 (40.1)	1.84 (46.7)	0.23 (5.8)	1.26 (32.0)	0.50 (12.7)	99	Pink
256-30695-840UB	—	1325/24 = 535 kcmil 427/0.0342	1/2	1.69 (42.9)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.63 (16.0)		
58182UB			5/8	1.58 (40.1)	1.81 (46.0)	0.28 (7.1)	1.25 (31.8)	0.63 (16.0)		
54123UB	750 kcmil	—	5/8	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	106	Black
58184UB	—	1600/24 = 646 kcmil	5/8	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)		
54124UB	800 kcmil	800 Navy	5/8	1.58 (40.1)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.63 (16.0)		
58126UB	900 kcmil	1925/24 = 777 kcmil	5/8	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow
58128UB	1000 kcmil	1000 Navy	5/8	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	—

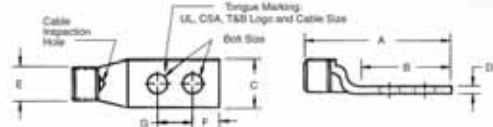
‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.

Tooling: pp. E4–E62

Die Selector Chart: pp. E35–E50

## Compression Connectors for Copper Conductors

Two-Hole Lugs — Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>



**Material:** High-Conductivity Wrought Copper

**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)							Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		A	B	C	D	E	F	G		
54201	#14-10 AWG	—	1/4	1.86 (47.2)	1.19 (30.2)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	ERG2002	Yellow
256-30695-1302			3/8	2.48 (63.0)	1.81 (46.0)	0.56 (14.2)	0.04 (1.0)	0.22 (5.6)	0.38 (9.7)	1.00 (25.4)		
54204	#8 AWG	#8 AWG, 23 Navy #8 Weld 37/24	#10	1.88 (47.8)	1.18 (30.0)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red
256-31426-33*			#10	1.88 (47.8)	1.18 (30.0)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.75 (19.0)		
256-31426-33PH			#10	1.88 (47.8)	1.18 (30.0)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.75 (19.0)		
542040410			1/4	2.01 (51.1)	1.31 (33.3)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)		
542040416			1/4	2.38 (60.5)	1.68 (42.7)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	1.00 (25.4)		
256-30695-1094			1/4	2.50 (63.5)	1.81 (46.0)	0.56 (14.22)	0.05 (1.3)	0.26 (6.6)	0.25 (6.4)	0.75 (19.0)		
256-30695-251			3/8	2.50 (63.5)	1.81 (46.0)	0.56 (14.22)	0.05 (1.3)	0.26 (6.6)	0.38 (9.7)	1.00 (25.4)		
256-30695-1070			#12	1.81 (46.0)	1.19 (30.2)	0.44 (11.2)	0.11 (2.8)	0.30 (7.6)	0.25 (6.4)	0.50 – 0.63 (12.7 – 16.0)		
256-30695-1153			#10	1.98 (50.3)	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.50 (12.7)		
256-30695-1183			#10	1.98 (50.3)	1.19 (30.2)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.22 (5.6)	0.63 – 0.75 (16.0 – 19.0)		
54205	#6 AWG	#6 AWG, 30 Navy #6 Weld 61/24 133/0.014	1/4	1.98 (50.3)	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	Blue
256-30695-1095			1/4	2.13 (54.1)	1.31 (33.3)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.75 (19.0)		
256-30695-252			1/4	2.38 (60.5)	1.63 (41.4)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)		
256-30695-372			1/4	2.13 (54.1)	1.43 (36.3)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.75 (19.0)		
256-30695-913			1/4	2.38 (60.5)	1.75 (44.5)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)		
256-30695-253			3/8	2.58 (65.3)	1.81 (45.9)	0.55 (14.0)	0.08 (2.0)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)		
54206			#4 AWG	#5 AWG 40-50 Navy 91/24 133/0.0177 49/0.029	1/4	2.03 (51.6)	1.28 (32.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)		
256-30695-1184	5/16	2.31 (58.7)			1.63 (41.4)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.31 (7.9)	1.00 (25.4)		
256-30695-255	3/8	2.56 (65.0)			1.81 (45.9)	0.59 (15.0)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)		
54207	#2 AWG	#3 AWG 60 Navy 125/24, #4 Weld	1/4	2.13 (54.1)	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	Brown
256-30695-1355			1/4	2.15 (54.6)	1.31 (33.3)	0.59 (15.0)	0.13 (3.3)	0.41 (10.4)	0.25 (6.4)	0.75 (19.0)		
256-30695-1185			1/4	2.38 (60.5)	1.53 (38.9)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	1.00 (25.4)		
256-30695-257			3/8	2.67 (67.8)	1.81 (45.9)	0.60 (15.2)	0.10 (2.5)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)		
256-30695-1049			1/2	3.75 (95.3)	2.88 (73.2)	0.75 (19.1)	0.09 (2.3)	0.41 (10.4)	0.31 (7.9)	1.75 (44.5)		
54208	#1 AWG	#2 AWG, 75 Navy 150/24 175/24 133/0.0223	1/4	2.13 (54.1)	1.28 (32.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
256-30695-1233			5/16	2.69 (68.3)	1.62 (41.2)	0.69 (17.5)	0.13 (3.3)	0.47 (11.9)	0.34 (8.6)	1.00 (25.4)		
256-30695-1236			3/8	2.75 (69.9)	1.81 (45.9)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)		
256-30695-329	1/0 AWG	#1 AWG 100 Navy, #1 Weld 225/24 133/0.0254	1/4	2.75 (69.9)	1.81 (45.9)	0.75 (19.1)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	0.75 (19.4)	42	Pink
54255			5/16	2.56 (65.0)	1.56 (39.6)	0.75 (19.1)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)		
256-30695-1234			5/16	2.75 (69.9)	1.78 (45.2)	0.75 (19.1)	0.14 (3.6)	0.52 (13.2)	0.33 (8.4)	1.00 (25.4)		
54209			3/8	2.88 (73.2)	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)		
256-30695-1265			3/8	3.50 (89.0)	2.57 (65.3)	0.75 (19.1)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	1.75 (44.5)		
256-30695-886			1/2	3.78 (96.0)	2.83 (71.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.5 (12.7)	1.75 (44.5)		
256-30695-1175			1/4	2.45 (6.2)	1.44 (36.6)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.25 (6.4)	0.75 (19.0)		
54261	2/0 AWG	1/0 AWG, 125 Navy 1/0 Weld 275/24 133/0.0282	5/16	2.70 (68.6)	1.63 (41.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.33 (8.4)	0.88 (22.4)	45	Black
256-30695-832			5/16	2.88 (73.2)	1.81 (45.9)	0.81 (20.6)	0.14 (3.6)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)		
54210			3/8	2.93 (74.4)	1.93 (49.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)		
54260			1/2	3.83 (97.3)	2.81 (71.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.38 (9.7)	1.75 (44.5)		
54266	3/0 AWG	150 Navy, 2/0 Weld 2/0 AWG 325/24 133/0.0316 259/0.0227 427/0.0177	5/16	2.88 (73.2)	1.75 (44.5)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.33 (8.4)	1.00 (25.4)	50	Orange
54211			3/8	2.94 (74.7)	1.81 (46.0)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)		
54265			1/2	3.94 (100.1)	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)		

\* Blind End

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.

Tooling: pp. E4–E62

Die Selector Chart: pp. E35–E50

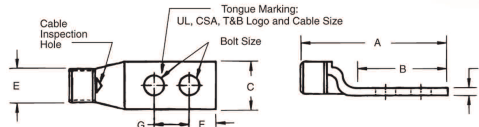




## Compression Connectors for Copper Conductors

### Two-Hole Lugs — Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup> (cont'd)

**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated

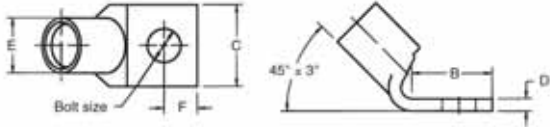


Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)							Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		A	B	C	D	E	F	G		
54212	4/0 AWG	3/0 AWG, 200 Navy 3/0 Weld 450/24 = 182 kcmil 703/0.0154	3/8	3.18 (80.8)	1.93 (49.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	Purple
54270			1/2	4.25 (108.0)	3.00 (76.2)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)		
256-30695-1247			1/4	3.06 (77.7)	1.44 (36.6)	1.03 (26.2)	0.16 (4.1)	0.70 (17.8)	0.38 (9.7)	0.63 (16.0)		
256-30695-331			1/4	3.06 (77.7)	1.81 (46.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	0.75 (19.1)		
256-30695-1261	250 kcmil	4/0 AWG 250 Navy	5/16	3.18 (80.8)	1.93 (49.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	62	Yellow
54213			3/8	3.28 (83.3)	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)		
54275	-	4/0 AWG, 4/0 Weld 550/24 = 222 kcmil 133/0.0399 259/0.0286 637/0.018	1/2	4.19 (106.4)	2.81 (71.4)	1.13 (28.7)	0.18 (4.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)	66	White
256-30695-345			3/8	3.25 (82.6)	1.69 (42.9)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	0.88 (22.4)		
256-30695-835			3/8	4.25 (108.0)	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	1.00 (25.4)		
256-30695-452			3/8	3.13 (79.5)	1.88 (47.8)	1.25 (31.8)	0.16 (4.1)	0.79 (20.1)	0.38 (9.7)	0.88 (22.4)		
58265	300 kcmil	250 AWG 300 Navy 650/24 = 262 kcmil	1/2	3.94 (100.1)	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.79 (20.1)	0.50 (12.7)	1.75 (44.5)	71	Red
54214			3/8	3.45 (87.6)	1.93 (49.0)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)		
54280	350 kcmil	350 Navy	1/2	4.45 (113.0)	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	76	Blue
256-30695-332			1/4	3.40 (86.4)	1.81 (46.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	0.75 (19.1)		
256-30695-1240			5/16	4.18 (106.2)	2.63 (66.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.75 (44.5)		
54215	400 kcmil	300 kcmil 313 kcmil 775/24	3/8	3.51 (89.2)	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	80	-
54282			1/2	4.60 (116.8)	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)		
54216	500 kcmil	400 Weld 925/24 = 373 kcmil 259/0.0393 427/0.0306	3/8	3.93 (99.8)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.00 (25.4)	87	Brown
54283			3/8	3.88 (98.6)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.06 (26.9)		
256-30695-439			3/8	4.35 (110.5)	2.25 (57.2)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.00 (25.4)		
58277	600 kcmil	400 kcmil 500 Navy	1/2	5.06 (128.5)	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.75 (44.5)	94	Green
256-30695-839			3/8	4.09 (103.9)	2.06 (52.3)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.00 (25.4)		
54218	700 kcmil	550/535 1325/24 500 AWG	3/8	3.96 (100.6)	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	99	Pink
54286			1/2	5.07 (128.8)	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)		
256-30695-188			1/2	4.06 (103.1)	2.31 (58.7)	1.63 (41.4)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.25 (31.8)		
54220	750 kcmil	-	3/8	4.13 (104.9)	1.93 (49.0)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.00 (25.4)	106	Black
54289			1/2	5.23 (132.8)	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)		
256-30695-1406	800 kcmil	550/535 1325/24 500 AWG	3/8	4.05 (102.9)	2.11 (53.6)	1.78 (45.2)	0.24 (6.1)	1.25 (31.8)	0.50 (12.7)	1.00 (25.4)	107	Orange
256-30695-842			3/8	4.30 (109.2)	2.06 (52.3)	1.80 (45.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.00 (25.4)		
256-30695-898			3/8	4.30 (109.2)	2.06 (52.3)	1.80 (45.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.00 (25.4)		
54291	900 kcmil	1325/24 = 535 kcmil	1/2	5.18 (131.6)	3.00 (76.2)	1.84 (46.7)	0.23 (5.8)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	115	Yellow
58281			1/2	5.23 (132.8)	3.00 (76.2)	1.80 (45.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)		
256-30695-237	1000 kcmil	1925/24 = 777 kcmil	3/8	5.10 (129.5)	2.80 (71.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.38 (9.7)	1.00 (25.4)	125	-
54223			1/2	5.32 (135.1)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)		
256-30695-1376	1000 kcmil	-	3/8	4.78 (121.4)	2.28 (57.9)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.44 (11.2)	1.13 (28.7)	115	Yellow
54224			1/2	5.50 (139.7)	3.00 (76.2)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.50 (12.7)	1.75 (44.5)		
256-30695-694			3/8	4.65 (118.1)	2.06 (52.3)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.00 (25.4)		
54226	900 kcmil	1925/24 = 777 kcmil	1/2	5.59 (142.0)	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow
256-30695-846			3/8	4.60 (116.8)	2.06 (52.3)	2.12 (53.9)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.00 (25.4)		
256-30695-844	1000 kcmil	1000 Navy	5/8	5.00 (127.0)	2.63 (66.8)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.56 (14.2)	1.50 (38.1)	125	-
54228			1/2	5.45 (138.4)	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.50 (12.7)	1.75 (44.5)		

<sup>‡</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.  
 Tooling: pp. E4-E62  
 Die Selector Chart: pp. E35-E50

## Compression Connectors for Copper Conductors

Two-Hole Lugs — 45° Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>



**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)						Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F	G		
256-31426-9	#14 – 10 AWG	–	#10	1.22 (31.0)	0.37 (9.4)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	–	–
54204UF	#8 AWG	#8 AWG, 23 Navy #8 Weld 37/24	#10	1.18 (30.0)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red
256-30695-1183UF	#6 AWG	#6 AWG, 30 Navy #6 Weld 61/24 133/0.014	#10	1.19 (30.2)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.22 (5.6)	0.63 – 0.75 (16.0) – (19.1)	24	Blue
54205UF			1/4	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)		
54205UF0416			1/4	1.56 (39.6)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)		
54206UF	#4 AWG	#5 AWG 40-50 Navy 91/24 133/0.0177 49/0.029	1/4	1.28 (32.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54207UF	#2 AWG	#3 AWG 60 Navy, #4 Weld 125/24	1/4	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	Brown
256-30695-257UF			3/8	1.81 (46.0)	0.60 (15.2)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)		
54208UF	#1 AWG	#2 AWG, 75 Navy 150/24 175/24 133/0.0223	1/4	1.28 (32.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54209UF	1/0 AWG	#1 AWG 100 Navy, #1 Weld 225/24 133/0.0254	3/8	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink
54209UF0412			1/4	1.55 (39.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)		
54261UF	2/0 AWG	1/0 AWG, 125 Navy 1/0 Weld 275/24 133/0.0282	5/16	1.63 (41.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.33 (8.4)	0.88 (22.4)	45	Black
54210UF			3/8	1.93 (49.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)		
54260UF			1/2	2.81 (71.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.38 (9.7)	1.75 (44.5)		
54266UF	3/0 AWG	2/0 AWG, 150 Navy 2/0 Weld 325/24 133/0.0316 259/0.0227 427/0.0177	5/16	1.75 (44.5)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.33 (8.4)	1.00 (25.4)	50	Orange
54211UF			3/8	1.81 (46.0)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)		
54265UF			1/2	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.25 (6.4)	1.75 (44.5)		
54212UF	4/0 AWG	200 Navy, 3/0 AWG 3/0 Weld 450/24 703/0.0154	3/8	1.93 (49.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	Purple
54270UF			1/2	3.00 (76.2)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	1.75 (44.5)		
54213UF	250 kcmil	4/0 AWG 250 Navy 550/24	3/8	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow
54275UF			1/2	2.81 (71.4)	1.13 (28.7)	0.18 (4.6)	0.77 (19.6)	0.25 (6.4)	1.75 (44.5)		
256-30695-399UF	–	4/0 Weld 550/24 133/0.0399 259/0.0286 637/0.018	3/8	2.80 (71.1)	1.25 (31.2)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	1.00 (25.4)	62	Yellow
58265UF	–	–	1/2	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.79 (20.1)	0.25 (6.4)	1.75 (44.5)		

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.  
 Tooling: pp. E4–E62  
 Die Selector Chart: pp. E35–E50

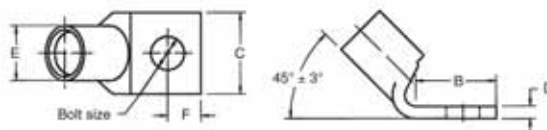


## Compression Connectors for Copper Conductors

**Two-Hole Lugs — 45° Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup> (cont'd)**

**Material:** High-Conductivity Wrought Copper

**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)						Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F	G		
54214UF	300 kcmil	250 AWG	3/8	1.93 (49.0)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White
54280UF		300 Navy 650/24 = 262 kcmil	1/2	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)		
54215UF	350 kcmil	350 Navy	3/8	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71	Red
54282UF		650/24 = 262 kcmil	1/2	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)		
54216UF	400 kcmil	300 kcmil	3/8	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.06 (26.9)	76	Blue
54283UF		713 kcmil 775/24	3/8	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.75 (44.5)		
54277UF	—	400 Weld 925/24 = 373 kcmil 259/0.0393 427/0.0306	1/2	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.00 (25.4)	80	—
54218UF	500 kcmil	400 kcmil	3/8	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.75 (44.5)	87	Brown
54286UF		500 Navy 925/24 = 373 kcmil	1/2	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.00 (25.4)		
54220UF	600 kcmil	1100/24 = 444 kcmil	3/8	1.93 (49.0)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.75 (44.5)	94	Green
54289UF			1/2	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)		
54291UF	700 kcmil	500 AWG	1/2	3.00 (76.2)	1.84 (46.7)	0.23 (5.8)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink
54281UF		1325/24 = 535 kcmil	1/2	3.00 (76.2)	1.84 (46.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)		
256-30695-237UF	750 kcmil	—	3/8	2.80 (71.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.38 (9.7)	1.00 (25.4)	106	Black
54223UF		—	1/2	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)		
54224UF		800 kcmil	—	1/2	3.00 (76.2)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.50 (12.7)		
54226UF	900 kcmil	1925/24 = 777 kcmil	1/2	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow
54228UF	1000 kcmil	1000 Navy	1/2	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.50 (12.7)	1.75 (44.5)	125	—

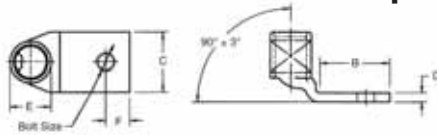
‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.

Tooling: pp. E4–E62

Die Selector Chart: pp. E35–E50

## Compression Connectors for Copper Conductors

Two-Hole Lugs — 90° Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>



**Material:** High-Conductivity Wrought Copper

**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)						Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F	G		
256-31426-141	#14 – 10 AWG	—	#10	1.25 (31.2)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 (16.0)	ERG2002	Yellow
256-31426-6SPH		—	#10	1.30 (33.0)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 – 0.75 (16.0) – (19.1)		
256-31426-6		—	#10	1.30 (33.0)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 (16.0)		
256-31426-6S		—	#10	1.30 (33.0)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 – 0.75 (16.0) – (19.1)		
256-30695-1409	#8 AWG	#8 AWG, 23 Navy #8 Weld 37/24	#10	1.19 (30.2)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.63 – 0.75 (16.0) – (19.1)	21	Red
54204UB			#10	1.25 (31.8)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)		
256-31426-33UB*			#10	1.19 (30.2)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.63 (16.0)		
256-31426-33UBPH			#10	1.19 (30.2)	0.41 (10.4)	0.06 (1.5)	0.26 (6.6)	0.23 (5.8)	0.63 – 0.75 (16.0) – (19.1)		
256-30695-1411	#6 AWG	#6 AWG, 30 Navy #6 Weld 133/0.014 61/24	#10	1.19 (30.2)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.23 (5.8)	0.63 – 0.75 (16.0) – (19.1)	24	Blue
256-30695-1183B			#10	1.19 (30.2)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.23 (5.8)	0.63 – 0.75 (16.0) – (19.1)		
256-30695-1356			#10	1.19 (30.2)	0.43 (10.1)	0.08 (2.0)	0.30 (7.6)	0.23 (5.8)	0.63 (16.0)		
54205UB			1/4	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)		
256-30695-252UB			1/4	1.56 (39.6)	0.43 (10.1)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)		
54206UB	#4 AWG	#5 AWG 40-50 Navy 91/24 133/0.0177 49/0.029	1/4	1.28 (32.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54207UB	#2 AWG	#3 AWG 60 Navy, #4 Weld 125/24	1/4	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	Brown
54208UB	#1 AWG	#2 AWG, 75 Navy 150/24 133/0.0223	1/4	1.28 (32.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54209UB	1/0 AWG	1 AWG 100 Navy, #1 Weld 225/24 133/0.0254	3/8	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink
54209UB0412			1/4	1.55 (39.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)		
54261UB	2/0 AWG	1/0 AWG, 125 Navy 1/0 Weld 275/24 133/0.0282	5/16	1.63 (41.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.34 (8.6)	0.88 (22.4)	45	Black
54210UB			3/8	1.93 (49.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)		
54260UB			1/2	2.81 (71.4)	0.83 (21.1)	0.14 (3.6)	0.57 (14.5)	0.38 (9.7)	1.75 (44.5)		
54266UB	3/0 AWG	2/0 AWG, 150 Navy 2/0 Weld 325/24 133/0.0316 259/0.0227 427/0.0177	5/16	1.75 (44.5)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.34 (8.6)	1.00 (25.4)	50	Orange
54211UB			3/8	1.81 (46.0)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)		
54265UB			1/2	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.63 (16.0)	0.38 (9.7)	1.75 (44.5)		
54212UB	4/0 AWG	3/0 AWG, 200 Navy 3/0 Weld 450/24 703/0.0154	3/8	1.93 (49.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	Purple
54270UB			1/2	3.00 (76.2)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)		
54213UB	250 kcmil	4/0 AWG 250 Navy 550/24	3/8	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow
54275UB			1/2	2.81 (71.4)	1.13 (28.7)	0.18 (4.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)		
256-30595-399UB	—	4/0 AWG, 4/0 Weld 550/24 133/0.0399 259/0.0286 637/0.018	3/8	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.79 (20.1)	0.38 (9.7)	1.00 (25.4)	62	Yellow
58265UB	—		1/2	2.81 (71.4)	0.94 (23.9)	0.14 (3.6)	0.79 (20.1)	0.50 (12.7)	1.75 (44.5)		

\* Blind End

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.

Tooling: pp. E4–E62

Die Selector Chart: pp. E35–E50

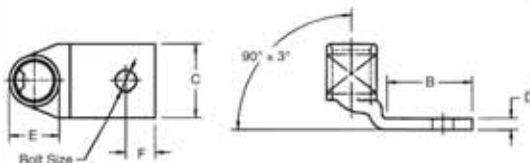


## Compression Connectors for Copper Conductors

**Two-Hole Lugs — 90° Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup> (cont'd)**

**Material:** High-Conductivity Wrought Copper

**Finish:** Electro-Tin Plated



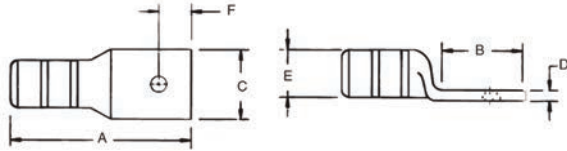
Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)						Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F	G		
54214UB	300 kcmil	250 AWG 300 Navy 650/24 = 262 kcmil	3/8	1.93 (49.0)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White
54280UB			1/2	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)		
54215UB	350 kcmil	350 Navy 650/24 = 262 kcmil	3/8	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)	71	Red
54282UB			1/2	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)		
54216UB	400 kcmil	300/313 kcmil 775/24	3/8	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.06 (26.9)	76	Blue
54283UB			3/8	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.75 (44.5)		
54277UB	-	400 Weld, 925/24 373 kcmil 259/0.0393 427/0.0306	1/2	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.04 (26.4)	0.50 (12.7)	1.00 (25.4)	80	-
54218UB	500 kcmil	400 kcmil 500 Navy 925/24 = 373 kcmil	3/8	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.75 (44.5)	87	Brown
54286UB			1/2	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)		
256-30695-1221B			3/8	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)			
54220UB	600 kcmil	1100/24, 444 kcmil	3/8	1.93 (49.0)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.75 (44.5)	94	Green
54289UB			1/2	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)		
54291UB	700 kcmil	1325/24, 535 kcmil	1/2	3.00 (76.2)	1.84 (46.7)	0.23 (5.8)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink
54281UB			1/2	3.00 (76.2)	1.84 (46.7)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)		
54223UB	750 kcmil	-	1/2	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106	Black
54224UB	800 kcmil		1/2	3.00 (76.2)	2.01 (51.1)	0.27 (6.9)	1.38 (35.1)	0.50 (12.7)	1.75 (44.5)		
54226UB	900 kcmil	1925/24, 777 kcmil	1/2	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow
54228UB	1000 kcmil	1000 Navy	1/2	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.50 (12.7)	1.75 (44.5)	125	-

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.  
 Tooling: pp. E4-E62  
 Die Selector Chart: pp. E35-E50



## Compression Connectors for Copper Conductors

One-Hole Lugs — Long Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>



Peep Holes Available!  
Add suffix -PH

**Material:** High-Conductivity Wrought Copper

**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)						Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		A	B	C	D	E	F		
54901BE	#14-10 AWG	—	1/4	1.23 (31.2)	0.56 (14.2)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	ERG2002	—
54929BE	#8 AWG	#8 AWG 37/24	#10	1.65 (41.9)	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	Red
54930BE			1/4	1.65 (41.9)	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)		
54904BE	#6 AWG	#6 AWG 61/24	#10	1.65 (41.9)	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	Blue
54905BE			1/4	1.65 (41.9)	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)		
54908BE	#4 AWG	#5 AWG 91/24	#10	1.70 (43.2)	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey
54906BE			1/4	1.70 (43.2)	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)		
54933BE	#2-3 AWG	#3 AWG 125/24	#10	1.88 (47.8)	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54942BE			5/16	2.03 (51.6)	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)		
54945BE	#1 AWG	#2 AWG 150/24	#10	1.95 (49.5)	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54947BE			5/16	2.18 (55.4)	0.88 (22.4)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)		
54946BE	1/0 AWG	#1 AWG 225/24	#10	1.95 (49.5)	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54949BE			5/16	2.18 (55.4)	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)		
54909BE			3/8	2.23 (56.6)	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)		
54950BE			1/2	2.55 (64.8)	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)		
54910BE	2/0 AWG	1/0 AWG 275/24	3/8	2.28 (57.9)	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	Black
54951BE			1/2	2.60 (66.4)	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)		
54965BE	3/0 AWG	2/0 AWG 325/24	1/2	2.70 (68.6)	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50	Orange
256-30695-1252	4/0 AWG	3/0 AWG, 3/0 Weld 450/24	1/4	2.35 (59.7)	0.65 (16.5)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.75 (19.1)	54	Purple
256-30695-1253			3/8	2.95 (74.9)	1.25 (31.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)		
54970BE			1/2	2.95 (74.9)	1.25 (31.8)	1.03 (33.0)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)		
54913BE	250 kcmil	4/0 AWG, 4/0 Weld 550/24	1/2	3.15 (80.1)	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.85 (21.6)	0.50 (12.7)	62	Yellow
54914BE	300 kcmil	250 kcmil 650/24 = 262 kcmil	1/2	3.50 (88.9)	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.93 (23.6)	0.50 (12.7)	66	White
54915BE	350 kcmil		1/2	3.68 (93.5)	1.58 (40.1)	1.36 (34.5)	0.18 (4.6)	0.96 (24.4)	0.50 (12.7)	71	Red
54916BE	400 kcmil	775/24 = 300/313 kcmil	1/2	3.75 (95.3)	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76	Blue
54917BE			5/8	4.03 (102.4)	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	1.10 (27.9)	0.63 (16.0)		
54918BE	500 kcmil	400 kcmil 925/24 = 373 kcmil	1/2	4.25 (108.0)	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
54919BE			5/8	4.57 (116.8)	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.20 (30.5)	0.63 (16.0)		
54921BE	600 kcmil	1100/24 = 444 kcmil	1/2	4.10 (104.1)	1.25 (31.8)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green
54920BE			5/8	4.39 (111.6)	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)		
54979BE	—	1325/24 = 535 kcmil	1/2	4.40 (111.8)	1.25 (31.8)	1.80 (45.7)	0.24 (6.1)	1.25 (31.8)	0.50 (12.7)	99	Pink
54922BE	750 kcmil	1325/24 = 535 kcmil	1/2	4.40 (111.8)	1.25 (31.8)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	106	Black
54923BE	—	1325/24 = 535 kcmil	5/8	4.72 (119.9)	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)		
58984BE	—	1600/24 = 646 kcmil	5/8	4.73 (120.1)	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)		
58926BE	900 kcmil	1925/24 = 777 kcmil	5/8	5.23 (132.8)	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow
54928BE	1000 kcmil	—	5/8	5.24 (134.0)	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	—
256-30695-918			7/8	5.42 (137.7)	1.82 (46.2)	2.38 (60.5)	0.30 (7.6)	1.55 (39.4)	0.88 (22.4)		

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.

Tooling: pp. E4-E62

Die Selector Chart: pp. E35-E50

# Compression Connector System



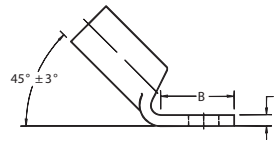
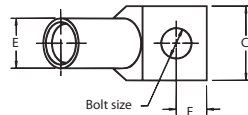
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## Compression Connectors for Copper Conductors

One-Hole Lugs — 45° Long Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>

**Material:** High-Conductivity Wrought Copper

**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)					Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F		
54929BEUF	#8 AWG	—	#1/0	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	Red
54930BEUF	#8 AWG	37/24	1/4	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)		
54904BEUF	#6 AWG	61/24, #6 AWG	#1/0	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	Blue
54905BEUF	—	—	1/4	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)		
54908BEUF	—	—	#1/0	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey
54806BEUF	#4 AWG	#5 AWG, 91/24	1/4	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)		
54933BEUF	#2-3 AWG	125/24	#1/0	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54942BEUF	#3 AWG	—	5/16	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.88 (22.4)		
54945BEUF	#1 AWG	#2 AWG, 150/24 – 175/24	#1/0	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54947BEUF	—	—	5/16	0.88 (22.4)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)		
54946BEUF	—	—	#1/0	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54949BEUF	1/0 AWG	#1 AWG 225/24	5/16	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)		
54909BEUF			3/8	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)		
54950BEUF	1/2	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)				
54910BEUF	2/0 AWG	1/0 AWG, 275/24 111 kcmil	3/8	0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	Black
54951BEUF			1/2	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)		
54965BEUF	3/0 AWG	325/24 – 2/0 AWG	1/2	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50	Orange
54970BEUF04	—	—	1/4	1.00 (25.4)	1.03 (26.1)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)		
54970BEUF06	4/0 AWG	450/24 3/0 Weld	3/8	1.13 (23.6)	1.03 (26.1)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	54	Purple
54970BEUF			1/2	1.25 (31.8)	1.03 (26.1)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)		
54913BEUF	250 kcmil	550/24 – 4/0 AWG 4/0 Weld	1/2	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62	Yellow
54914BEUF	300 kcmil	250 kcmil 650/24 = 262 kcmil	1/2	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White
54915BEUF	350 kcmil	650/24, 262 kcmil	1/2	1.25 (31.8)	1.36 (34.8)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red
54916BEUF	400 kcmil	775/24, 313 kcmil	1/2	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76	Blue
54917BEUF			5/8	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)		
54918BEUF	500 kcmil	925/24, 373 kcmil, 400 kcmil	1/2	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
54919BEUF			5/8	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)		
54921BEUF	600 kcmil	1100/24, 444 kcmil	1/2	1.25 (31.8)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green
54920BEUF			5/8	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)		
54922BEUF	750 kcmil	1325/24, 500/535 kcmil	1/2	1.25 (31.8)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	106	Black
54923BEUF			5/8	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)		
58984BEUF	—	1600/24, 646 kcmil	5/8	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	115	Yellow
58926BEUF	900 kcmil	1925/24, 777 kcmil	5/8	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow
54928BEUF	1000 kcmil	—	5/8	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	—
54928BEUF12			7/8	1.83 (46.5)	2.37 (60.2)	0.30 (7.6)	1.55 (39.4)	0.88 (22.4)		

<sup>‡</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.

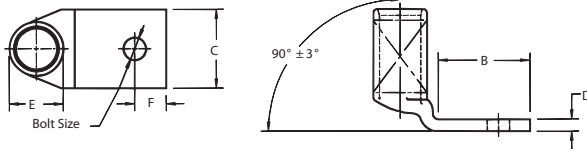
Tooling: pp. E4–E62

Die Selector Chart: pp. E35–E50

## Compression Connectors for Copper Conductors

One-Hole Lugs — 90° Long Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>

Peep Holes Available!  
Add suffix -PH



**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated

Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)					Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F		
54929BEUB	#8 AWG	37/24	#10	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)	21	Red
54930BEUB			1/4	0.65 (16.5)	0.42 (10.7)	0.08 (2.0)	0.26 (6.6)	0.25 (6.4)		
54904BEUB	#6 AWG	#6 AWG, 61/24	#10	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	24	Blue
54905BEUB			1/4	0.65 (16.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)		
54908BEUB	#4 AWG	#5 AWG, 91/24	#10	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey
54806BEUB			1/4	0.65 (16.5)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)		
54933BEUB	#2-3 AWG	125/24	#10	0.65 (16.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54942BEUB			5/16	0.88 (22.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)		
54945BEUB	#1 AWG	#2 AWG, 150/24 – 175/24	#10	0.65 (16.5)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54947BEUB			5/16	0.88 (22.4)	0.68 (17.3)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)		
54946BEUB	1/0 AWG	#1 AWG, 225/24	#10	0.65 (16.5)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54949BEUB			5/16	0.88 (22.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)		
54909BEUB			3/8	0.93 (23.6)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)		
54950BEUB			1/2	1.25 (31.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)		
54910BEUB	2/0 AWG	1/0 AWG, 275/24	3/8	0.93 (23.6)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	45	Black
54951BEUB			1/2	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)		
54965BEUB	3/0 AWG	2/0 AWG – 325/24	1/2	1.25 (31.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	50	Orange
54970BEUB04	4/0 AWG	3/0 AWG, 450/24 3/0 Weld	1/4	1.00 (25.4)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	54	Purple
54970BEUB06			3/8	1.13 (28.7)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)		
54970BEUB			1/2	1.25 (31.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)		
54913BEUB	250 kcmil	550/24 – 4/0 AWG, 4/0 Weld	1/2	1.25 (31.8)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	62	Yellow
54914BEUB	300 kcmil	250 kcmil, 650/24 = 262 kcmil	1/2	1.25 (31.8)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	66	White
54915BEUB	350 kcmil	650/24, 262 kcmil	1/2	1.25 (31.8)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71	Red
54916BEUB	400 kcmil	775/24, 300/313 kcmil	1/2	1.58 (40.1)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	76	Blue
54917BEUB			5/8	1.25 (31.8)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)		
54918BEUB	500 kcmil	925/24, 350/373 kcmil 400 kcmil	1/2	1.58 (40.1)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
54919BEUB			5/8	1.25 (31.8)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.63 (16.0)		
54921BEUB	600 kcmil	1100/24, 444 kcmil	1/2	1.58 (40.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	94	Green
54920BEUB			5/8	1.25 (31.8)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)		
54922BEUB	750 kcmil	1325/24, 500/535 kcmil	1/2	1.25 (31.8)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	106	Black
54923BEUB			5/8	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)		
58984BEUB	–	1600/24, 646 kcmil	5/8	1.58 (40.1)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	–	–
58926BEUB	900 kcmil	1925/24, 777 kcmil	5/8	1.58 (40.1)	2.17 (55.1)	0.31 (7.9)	1.50 (38.1)	0.63 (16.0)	115	Yellow
54928BEUB	1000 kcmil	–	5/8	1.58 (40.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.63 (16.0)	125	–
54928BEUB12			7/8	1.58 (46.5)	2.37 (60.2)	0.30 (7.6)	1.55 (39.4)	0.88 (22.4)		

<sup>‡</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.  
Tooling: pp. E4–E62  
Die Selector Chart: pp. E35–E50

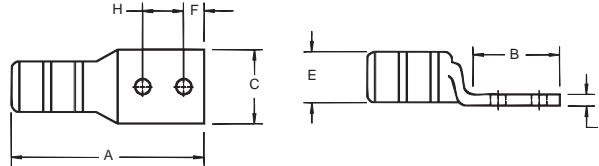
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## Compression Connectors for Copper Conductors

Two-Hole Lugs — Long Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>

**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)							Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		A	B	C	D	E	F	H		
54801BE	#14-10 AWG	-	1/4	1.86 (47.2)	1.19 (30.2)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)	ERG4002	Yellow
256-31426-3			#10	2.00 (50.8)	1.25 (31.2)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)		
256-31426-3SPH			#10	2.00 (50.8)	1.25 (31.2)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.63 - 0.75 (16.0) - (19.1)		
256-30695-1298			1/4	1.89 (48.0)	1.22 (31.0)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)		
256-30695-1730			1/4	1.98 (50.3)	1.31 (33.3)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 - 0.75 (16.0) - (19.1)		
54850BE	#8 AWG	#8 AWG, #8 Weld 37/24	1/4	2.19 (55.6)	1.89 (48.0)	0.42 (10.7)	0.07 (1.78)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red
54851BE			1/4	2.31 (58.7)	1.29 (32.8)	0.47 (11.9)	0.06 (1.52)	0.26 (6.6)	0.25 (6.4)	0.75 (19.1)		
256-30695-1157			3/8	3.00 (76.2)	2.10 (53.3)	0.56 (14.2)	0.06 (1.52)	0.26 (6.6)	0.38 (9.7)	1.00 (25.4)		
54852BE	#6 AWG	#6 AWG, 61/24, #6 Weld	1/4	2.28 (57.9)	1.28 (32.5)	0.44 (11.1)	0.08 (2.03)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	Blue
256-30695-1014			1/4	2.63 (66.8)	1.63 (41.4)	0.43 (10.9)	0.08 (2.03)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)		
256-30695-1225			1/4	2.43 (61.7)	1.43 (36.3)	0.43 (10.9)	0.08 (2.03)	0.30 (7.6)	0.25 (6.4)	0.75 (19.1)		
256-30695-1158			3/8	2.93 (74.4)	1.93 (49.0)	0.59 (14.9)	0.06 (1.52)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)		
256-30695-868			1/2	4.18 (106.2)	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.30 (7.6)	0.50 (12.7)	1.75 (44.5)		
54854BE	#4 AWG	91/24, #5 AWG, #4 Weld	1/4	2.31 (58.7)	1.19 (30.2)	0.52 (13.1)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
256-30695-1246			1/4	2.31 (54.1)	1.31 (33.3)	0.56 (14.2)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	0.75 (19.1)		
256-30695-1015			1/4	2.88 (73.2)	1.88 (47.8)	0.58 (14.7)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)		
256-30695-1337			5/16	2.75 (69.9)	1.75 (44.5)	0.56 (14.2)	0.10 (2.5)	0.37 (9.4)	0.34 (8.4)	1.00 (25.4)		
256-30695-1159			3/8	3.13 (79.5)	1.98 (50.3)	0.59 (14.9)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)		
256-30695-733	1/2	4.18 (106.2)	3.00 (76.2)	0.88 (22.4)	0.09 (2.3)	0.37 (9.4)	0.50 (12.7)	1.75 (44.5)				
256-30695-1016	#2-3 AWG	#3 AWG, 125/24	1/4	3.06 (77.7)	1.88 (47.8)	0.67 (17.0)	0.09 (2.3)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	Brown
54855BE			1/4	2.43 (61.7)	1.28 (32.5)	0.59 (14.9)	0.11 (2.8)	0.41 (10.4)	0.50 (12.7)	0.63 (16.0)		
256-30695-1300			1/4	2.63 (66.8)	1.35 (34.3)	0.68 (17.3)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)		
54856BE			5/16	2.78 (70.6)	1.63 (41.4)	0.59 (14.9)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	0.75 (19.1)		
54810BE			3/8	3.80 (96.5)	2.57 (65.3)	0.59 (14.9)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.75 (44.5)		
256-30695-1160			3/8	3.08 (78.2)	1.94 (49.3)	0.59 (14.9)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)		
256-30695-869			1/2	4.02 (102.1)	2.88 (73.2)	0.25 (6.4)	0.75 (19.1)	0.41 (10.4)	0.63 (16.0)	1.75 (44.5)		
54811BE			1/2	4.28 (108.7)	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.41 (10.4)	0.50 (12.7)	1.75 (44.5)		
54809BE			1/4	2.88 (73.2)	1.19 (30.2)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)		
54812BE			1/4	2.75 (69.9)	1.40 (35.6)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.75 (19.1)		
54858BE	5/16	2.94 (75.4)	1.63 (41.4)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	0.88 (22.4)				
256-30695-1161	3/8	3.30 (83.8)	1.98 (50.3)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)				
54857BE	1/2	4.43 (112.5)	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	1.75 (44.5)				
256-30695-1018	1/0 AWG	#1 AWG, 225/24	1/4	3.63 (92.2)	1.88 (47.8)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink
256-30695-1018P			1/4	3.63 (92.2)	1.88 (47.8)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)		
54859BE			1/4	2.63 (66.8)	1.19 (30.2)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.63 (16.0)		
54813BE			1/4	2.71 (68.8)	1.38 (35.1)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)		
54860BE			5/16	2.97 (75.4)	1.63 (41.4)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.50 (12.7)	0.88 (22.4)		
256-30695-1162P			3/8	3.25 (82.3)	1.98 (50.3)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)		
256-30695-1162			3/8	3.23 (82.0)	1.93 (49.0)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)		
256-30695-593			1/2	4.33 (110.0)	3.00 (76.2)	0.75 (19.0)	0.13 (3.3)	0.52 (13.2)	0.63 (16.0)	1.75 (44.5)		

<sup>‡</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.

Tooling: pp. E4-E62  
Die Selector Chart: pp. E35-E50

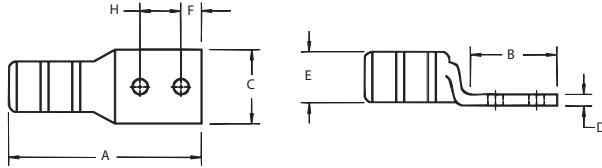


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## Compression Connectors for Copper Conductors

### Two-Hole Lugs — Long Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup> (cont'd)



**Material:** High-Conductivity Wrought Copper

**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)							Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		A	B	C	D	E	F	H		
54814BE	2/0 AWG	1/0 AWG, 1/0 Weld 275/24	1/4	2.62 (66.5)	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.63 (16.0)	45	Black
256-30695-1299			1/4	2.69 (68.3)	1.31 (33.3)	0.81 (20.6)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.75 (19.1)		
256-30695-1116			3/8	3.19 (81.0)	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)		
256-30695-1116P			3/8	3.19 (81.0)	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)		
54862BE	3/0 AWG	2/0 AWG, 2/0 Weld 325/24	1/2	4.20 (106.7)	2.81 (71.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	1.75 (44.5)	50	Orange
54815BE			1/4	2.89 (73.4)	1.45 (36.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	0.75 (19.1)		
54816BE			3/8	3.25 (82.6)	1.63 (41.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)		
54864BE			1/2	4.48 (113.8)	3.00 (76.2)	0.94 (23.9)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)		
54817BE	4/0 AWG	3/0 AWG, 3/0 Weld 450/24	1/4	3.15 (80.0)	1.38 (35.1)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	0.75 (19.1)	54	Purple
54818BE			3/8	4.38 (111.3)	2.63 (66.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.75 (44.5)		
256-30695-1117			3/8	3.35 (85.1)	1.81 (46.0)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)		
256-30695-1117P			3/8	3.50 (88.9)	1.88 (47.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)		
54866BE	250 kcmil	4/0 AWG, 4/0 Weld 550/24	1/2	4.70 (119.4)	3.00 (76.2)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	62	Yellow
256-30695-1245			3/8	3.83 (97.3)	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)		
256-30695-1245P			3/8	3.83 (97.3)	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)		
54868BE			1/2	4.92 (125.0)	3.00 (76.2)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)		
54819BE	300 kcmil	250 kcmil 650/24 = 262 kcmil	3/8	5.04 (137.2)	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White
54870BE			1/2	5.23 (132.8)	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)		
54820BE	350 kcmil	-	1/4	4.29 (109.0)	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.25 (6.4)	1.75 (44.5)	71	Red
256-30695-1118			3/8	4.33 (110.0)	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)		
256-30695-1118P			3/8	4.33 (110.0)	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)		
54872BE			1/2	5.40 (137.2)	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)		
54822BE	400 kcmil	300 kcmil 775/24, 313 kcmil	1/4	4.38 (111.3)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.25 (6.4)	0.75 (19.1)	76	Blue
54821BE			3/8	4.43 (112.5)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.00 (25.4)		
54874BE			1/2	5.51 (140.0)	3.00 (76.2)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	1.75 (44.5)		
54823BE			1/4	4.93 (125.2)	1.94 (49.3)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.25 (6.4)	0.75 (19.1)		
256-30695-1119	500 kcmil	400 kcmil 925/24 350/373 kcmil	3/8	5.00 (127.0)	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)	87	Brown
256-30695-1119P			3/8	5.00 (127.0)	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)		
54876BE			1/2	6.00 (152.4)	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)		
54824BE			3/8	5.70 (144.8)	2.80 (71.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.00 (25.4)		
54878BE	600 kcmil	1100/24, 444 kcmil	1/2	5.83 (148.1)	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	94	Green
54879BE	700 kcmil	1325/24, 535 kcmil	1/2	5.83 (148.1)	3.00 (76.2)	1.80 (45.7)	0.24 (6.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink
256-30695-1222	750 kcmil	1325/24, 535 kcmil	3/8	5.25 (133.4)	2.06 (52.3)	1.94 (49.3)	0.27 (6.7)	1.33 (33.8)	0.50 (12.7)	1.00 (25.4)	106	Black
256-30695-1222P			3/8	5.25 (133.4)	2.06 (52.3)	1.94 (49.3)	0.27 (6.7)	1.33 (33.8)	0.50 (12.7)	1.00 (25.4)		
54880BE			1/2	6.20 (157.5)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)		
58884BE			-	1600/24, 646 kcmil	1/2	6.16 (156.5)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)		
58826BE	900 kcmil	1925/24, 777 kcmil	1/2	6.74 (171.2)	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow
54826BE	1000 kcmil	-	3/8	6.49 (164.8)	2.80 (71.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.38 (9.7)	1.00 (25.4)	125	-
54882BE			1/2	6.66 (169.2)	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.38 (9.7)	1.75 (44.5)		
54888BE			1/2	7.88 (200.2)	3.00 (76.2)	2.42 (61.5)	0.35 (8.9)	1.67 (42.4)	0.63 (16.0)	1.75 (44.5)		

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.  
Tooling: pp. E4-E62  
Die Selector Chart: pp. E35-E50



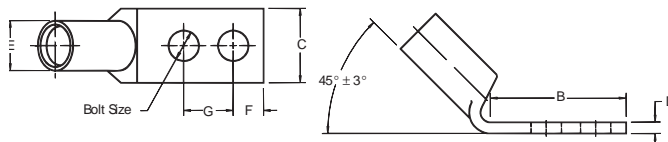


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## Compression Connectors for Copper Conductors

**Two-Hole Lugs — 45° Long Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>**

**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated



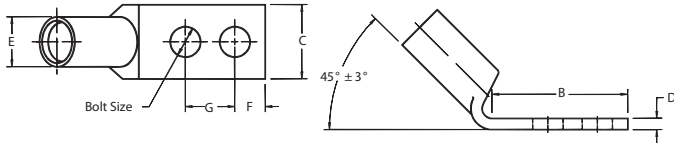
Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)						Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F	G		
256-31426-3SPHUF	#14 – 10 AWG	-	#10	1.25 (31.75)	0.37 (9.4)	0.07 (1.8)	0.20 (5.1)	0.22 (5.6)	0.50 – 0.63 (12.7 – 16.0)	ERG2002	Yellow
256-30695-1298UF			1/4	1.22 (31.0)	0.50 (12.7)	0.05 (1.3)	0.20 (5.1)	0.25 (6.4)	0.63 (16.0)		
54850BEUF	#8 AWG	#8 AWG 37/24 #8 Weld	1/4	1.89 (48.0)	0.42 (10.7)	0.07 (17.8)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red
54851BEUF			1/4	1.29 (32.8)	0.47 (11.9)	0.06 (15.2)	0.26 (6.6)	0.25 (6.4)	0.75 (19.1)		
54851BEUF0612			3/8	1.42 (36.1)	0.47 (11.9)	0.06 (15.2)	0.26 (6.6)	0.38 (9.7)	0.75 (19.1)		
54852BEUF	#6 AWG	#6 AWG 61/24 #6 Weld	1/4	1.28 (32.5)	0.44 (11.2)	0.08 (20.3)	0.30 (7.6)	0.25 (6.4)	0.38 (9.7)	24	Blue
54852BEUF0416			1/4	1.63 (41.4)	0.43 (10.9)	0.08 (20.3)	0.30 (7.6)	0.25 (6.4)	1.00 (25.4)		
54852BEUF0412			1/4	1.43 (36.3)	0.43 (10.9)	0.08 (20.3)	0.30 (7.6)	0.25 (6.4)	0.75 (19.1)		
54852BEUF0616			3/8	1.93 (49.0)	0.59 (15.0)	0.06 (15.2)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)		
54852BEUF0828			1/2	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.30 (7.6)	0.50 (12.7)	1.75 (44.5)		
54854BEUF	#4 AWG	#5 AWG 91/24 #4 Weld	1/4	1.19 (30.2)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54854BEUF0412			1/4	1.31 (33.3)	0.56 (14.2)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	0.75 (19.1)		
54854BEUF0416			1/4	1.88 (47.8)	0.58 (14.7)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)		
54854BEUF0516			5/16	1.75 (44.5)	0.56 (14.2)	0.10 (2.5)	0.37 (9.4)	0.63 (16.0)	1.00 (25.4)		
54854BEUF0616			3/8	1.98 (50.3)	0.59 (15.0)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)		
54854BEUF0828			1/2	3.00 (76.2)	0.88 (22.4)	0.09 (2.3)	0.37 (9.4)	0.50 (12.7)	1.75 (44.5)		
54855BEUF0416	#2-3 AWG	#3 AWG 125/24	1/4	1.88 (47.8)	0.67 (17.0)	0.09 (2.3)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	Brown
54855BEUF			1/4	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)		
54855BEUF0412			1/4	1.35 (34.3)	0.68 (17.3)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)		
54856BEUF			5/16	1.63 (41.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	0.75 (19.1)		
54810BEUF			3/8	2.57 (65.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.75 (44.5)		
54810BEUF0616			3/8	1.94 (49.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)		
54811BEUF			1/2	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.41 (10.4)	0.50 (12.7)	1.75 (44.5)		
54809BEUF	#1 AWG	#2 AWG 150/24 175/24 #2 Weld	1/4	1.19 (30.2)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54812BEUF			1/4	1.40 (35.6)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.75 (19.1)		
54858BEUF			5/16	1.63 (41.4)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.63 (16.0)	0.88 (22.4)		
54857BEUF0616			3/8	1.98 (50.3)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)		
54859BEUF	1/0 AWG	1 AWG 225/24	1/4	1.88 (47.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink
54859BEUF0416PH			1/4	1.88 (47.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)		
54859BEUF			1/4	1.19 (30.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.38 (9.7)		
54813BEUF			1/4	1.38 (35.1)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)		
54860BEUF			5/16	1.63 (41.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)		
54860BEUF0616			3/8	1.98 (50.3)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)		
54860BEUF0616PH			3/8	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)		
54860BEUF0828			1/2	3.00 (76.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.63 (16.0)	1.75 (44.5)		
54814BEUF	2/0 AWG	1/0 AWG 275/24 1/0 Weld	1/4	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.63 (16.0)	45	Black
54814BEUF0412			1/4	1.31 (33.3)	0.81 (20.6)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.75 (19.1)		
54862BEUF0616			3/8	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)		
54862BEUF0616PH			3/8	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)		
54862BEUF			1/2	2.81 (71.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	1.75 (44.5)		

<sup>‡</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.  
Tooling: pp. E4–E62  
Die Selector Chart: pp. E35–E50

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## Compression Connectors for Copper Conductors

Two-Hole Lugs — 45° Long Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup> (cont'd)



**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)						Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F	G		
54815BEUF	3/0 AWG	2/0 AWG 325/24 2/0 Weld	1/4	1.45 (36.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	0.75 (19.1)	50	Orange
54816BEUF			3/8	0.63 (16.0)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)		
54864BEUF			1/2	3.00 (76.2)	0.94 (23.9)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)		
54817BEUF	4/0 AWG	3/0 AWG 450/24 3/0 Weld	1/4	1.38 (35.1)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	0.75 (19.1)	54	Purple
54818BEUF			3/8	2.63 (66.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.75 (44.5)		
54818BEUF0616			3/8	1.81 (46.0)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)		
54818BEUF0616PH			3/8	1.88 (47.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)		
54866BEUF	250 kcmil	4/0 AWG 550/24 4/0 Weld	1/2	3.00 (76.2)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	62	Yellow
54868BEUF			3/8	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)		
54868BEUF0616PH			5/8	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)		
54819BEUF	300 kcmil	250 kcmil 650/24 = 262 kcmil	3/8	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White
54870BEUF			1/2	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)		
54820BEUF	350 kcmil	650/24 262 kcmil	1/4	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.25 (6.4)	0.75 (19.1)	71	Red
54872BEUF0616			3/8	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)		
54872BEUF0616PH			3/8	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)		
54872BEUF			1/2	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)		
54822BEUF	400 kcmil	775/24 313 kcmil	1/4	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.25 (6.4)	0.75 (19.1)	76	Blue
54821BEUF			3/8	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.00 (25.4)		
54874BEUF			1/2	3.00 (76.2)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (12.7)	1.75 (44.5)		
54823BEUF	500 kcmil	400 kcmil 925/24 350/373 kcmil	1/4	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.25 (6.4)	0.75 (19.1)	87	Brown
54876BEUF0616			3/8	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)		
54876BEUF0616PH			3/8	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)		
54876BEUF			1/2	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)		
54824BEUF	600 kcmil	1100/24 444 kcmil	3/8	2.80 (71.1)	1.75 (44.5)	0.24 (6.1)	1.20 (27.9)	0.38 (9.7)	1.00 (25.4)	94	Green
54878BEUF			1/2	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (27.9)	0.50 (12.7)	1.75 (44.5)		
54880BEUF0616	750 kcmil	1325/24 535 kcmil	3/8	2.06 (52.3)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.00 (25.4)	106	Black
54880BEUF0616PH			3/8	2.06 (52.3)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.00 (25.4)		
54880BEUF			1/2	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)		
58884BEUF	—	1600/24, 646 kcmil	1/2	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)		
58826BEUF	900 kcmil	1925/24 750/777 kcmil	1/2	3.00 (76.2)	2.18 (55.4)	0.31 (7.9)	1.50 (38.1)	0.50 (12.7)	1.75 (44.5)	115	Yellow
54826BEUF	1000 kcmil	—	3/8	2.80 (71.1)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.38 (9.7)	1.00 (25.4)	125	—
54882BEUF			1/2	3.00 (76.2)	2.27 (57.7)	0.30 (7.6)	1.55 (39.4)	0.50 (12.7)	1.75 (44.5)		

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.  
Tooling: pp. E4–E62  
Die Selector Chart: pp. E35–E50

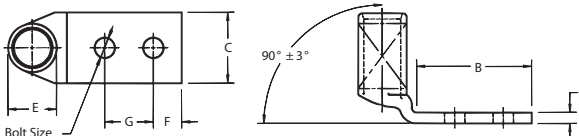


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## Compression Connectors for Copper Conductors

**Two-Hole Lugs — 90° Long Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>**

**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated



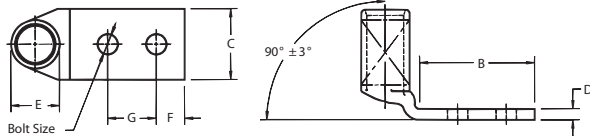
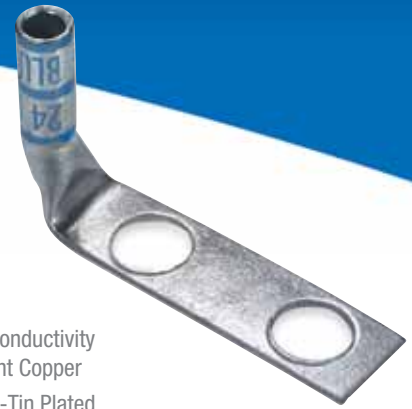
Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)					Die Code	Colour Code	
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F			G
54850BEUB	#8 AWG	#8 AWG 37/24 #8 Weld	1/4	1.89 (48.0)	0.42 (10.7)	0.07 (1.8)	0.26 (6.6)	0.21 (5.3)	0.63-0.75 (16.0-19.1)	21	Red
54851BEUB			1/4	0.29 (32.8)	0.47 (11.9)	0.06 (1.5)	0.26 (6.6)	0.25 (6.4)	0.75 (19.1)		
54851BEUB0616			3/8	2.10 (53.3)	0.56 (14.2)	0.06 (1.5)	0.26 (6.6)	0.38 (9.7)	1.00 (25.4)		
54852BEUB	#6 AWG	#6 AWG 61/24 #6 Weld	1/4	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)	24	Blue
54852BEUB0412			1/4	1.43 (36.3)	0.43 (10.9)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.75 (19.1)		
54852BEUB0616			3/8	1.93 (49.0)	0.59 (15.0)	0.06 (1.5)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)		
54852BEUB0828			1/2	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.30 (7.6)	0.50 (12.7)	1.75 (44.5)		
54854BEUB	#4 AWG	#5 AWG 91/24 #4 Weld	1/4	1.19 (30.2)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54854BEUB0412			1/4	1.31 (33.3)	0.56 (14.2)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	0.75 (19.1)		
54854BEUB0416			1/4	1.88 (47.8)	0.58 (14.7)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)		
54854BEUB0516			5/16	1.75 (44.5)	0.56 (14.2)	0.10 (2.5)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)		
54854BEUB0616			3/8	1.98 (50.3)	0.59 (15.0)	0.09 (2.3)	0.37 (9.4)	0.38 (9.7)	1.00 (25.4)		
54854BEUB0828			1/2	3.00 (76.2)	0.88 (22.4)	0.09 (2.3)	0.37 (9.4)	0.50 (12.7)	1.75 (44.5)		
54858BEUB0416	#2-3 AWG	#3 AWG 125/24	1/4	1.88 (47.8)	0.67 (17.0)	0.09 (2.3)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	33	Brown
54855BEUB			1/4	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)		
54855BEUB0412			1/4	1.35 (34.3)	0.68 (17.3)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)		
54856BEUB			5/16	1.63 (41.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	0.75 (19.1)		
54810BEUB			3/8	2.57 (65.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.75 (44.5)		
54810BEUB0616			3/8	1.94 (49.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)		
54811BEUB			1/2	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.41 (10.4)	0.50 (12.7)	1.75 (19.1)		
54809BEUB	#1 AWG	#2 AWG 150/24 175/24 #2 Weld	1/4	1.19 (30.2)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54812BEUB			1/4	1.40 (35.6)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.75 (19.1)		
54858BEUB			5/16	1.63 (41.4)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	0.88 (22.4)		
54857BEUB0616			3/8	1.98 (50.3)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)		
54857BEUB			1/2	3.00 (76.2)	0.88 (22.4)	0.11 (2.8)	0.47 (11.9)	0.50 (12.7)	1.75 (44.5)		
54859BEUB0416	1/0 AWG	1 AWG 225/24	1/4	1.88 (47.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	42	Pink
54859BEUB0416PH			1/4	1.88 (47.8)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)		
54859BEUB			1/4	1.19 (30.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.63 (16.0)		
54813BEUB			1/4	1.38 (35.1)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)		
54860BEUB			5/16	1.63 (41.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)		
54860BEUB0616			3/8	1.98 (50.3)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)		
54860BEUB0828			1/2	3.00 (76.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.75 (44.5)		
54814BEUB	2/0 AWG	1/0 AWG 275/24 1/0 Weld	1/4	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.63 (16.0)	45	Black
54814BEUB0412			1/4	1.31 (33.3)	0.81 (20.6)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.75 (19.1)		
54862BEUB0616			3/8	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)		
54862BEUB0616PH			3/8	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)		
54862BEUB			1/2	2.81 (71.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	0.75 (19.1)		

<sup>‡</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.  
Tooling: pp. E4-E62  
Die Selector Chart: pp. E35-E50

## Compression Connectors for Copper Conductors

### Two-Hole Lugs — 90° Long Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup> (cont'd)

Peep Holes Available!  
Add suffix -PH



**Material:** High-Conductivity Wrought Copper

**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)						Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		B	C	D	E	F	G		
54815BEUB	3/0 AWG	2/0 AWG 325/24 2/0 Weld	1/4	1.45 (36.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	0.75 (19.1)	50	Orange
54816BEUB			3/8	0.63 (41.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)		
54864BEUB			1/2	3.00 (76.2)	0.94 (23.9)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)		
54817BEUB	4/0 AWG	3/0 AWG 450/24 3/0 Weld	1/4	1.38 (35.1)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	0.75 (19.1)	54	Purple
54818BEUB			3/8	2.63 (66.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.75 (44.5)		
54818BEUB0616			3/8	1.81 (46.0)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)		
54818BEUB0616PH			3/8	1.88 (47.8)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)		
54866BEUB	250 kcmil	4/0 AWG 550/24 4/0 Weld	1/2	3.00 (76.2)	1.03 (33.0)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)	62	Yellow
54868BEUB			3/8	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)		
54868BEUB0616PH			3/8	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)		
54819BEUB	300 kcmil	250 kcmil 650/24 = 262 kcmil	3/8	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.38 (9.7)	1.00 (25.4)	66	White
54870BEUB			2	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (21.6)	1.75 (44.5)		
54820BEUB	350 kcmil	650/24 262 kcmil	1/4	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.25 (6.4)	0.75 (19.1)	71	Red
54872BEUB0616			3/8	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)		
54872BEUB0616PH			3/8	1.93 (49.0)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.38 (9.7)	1.00 (25.4)		
54872BEUB			1/2	3.00 (76.2)	1.36 (34.5)	0.18 (4.6)	0.93 (23.6)	0.50 (21.6)	1.75 (44.5)		
54822BEUB	400 kcmil	775/24 313 kcmil	1/4	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.25 (6.4)	0.75 (19.1)	76	Blue
54821BEUB			3/8	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.38 (9.7)	1.00 (25.4)		
54874BEUB			1/2	3.00 (76.2)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.50 (21.6)	1.75 (44.5)		
54823BEUB	500 kcmil	400 kcmil 925/24 350/373 kcmil	1/4	1.94 (49.3)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.25 (6.4)	0.75 (19.1)	87	Brown
54823BEUB0616			3/8	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)		
54876BEUB0616PH			3/8	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.00 (25.4)		
54876BEUB			1/2	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (21.6)	1.75 (44.5)		
54824BEUB	600 kcmil	1110/24, 444 kcmil	3/8	2.80 (71.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.38 (9.7)	1.00 (25.4)	94	Green
54878BEUB			1/2	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.50 (21.6)	1.75 (44.5)		
54880BEUB0616	750 kcmil	1325/24 535 kcmil	3/8	2.06 (52.3)	1.94 (6.9)	0.27 (6.9)	1.33 (33.8)	0.50 (21.6)	1.00 (25.4)	106	Black
54880BEUB0616PH			3/8	2.06 (52.3)	1.94 (6.9)	0.27 (6.9)	1.33 (33.8)	0.50 (21.6)	1.00 (25.4)		
54880BEUB			1/2	3.00 (76.2)	1.94 (6.9)	0.27 (6.9)	1.33 (33.8)	0.50 (21.6)	1.75 (44.5)		
58884BEUB	—	1600/24, 646 kcmil	1/2	3.00 (76.2)	1.94 (6.9)	0.27 (6.9)	1.33 (33.8)	0.50 (21.6)	1.75 (44.5)		
58826BEUB	900 kcmil	1925/24 750/777 kcmil	1/2	3.00 (76.2)	2.18 (7.9)	0.31 (7.9)	1.50 (38.1)	0.50 (21.6)	1.75 (44.5)	115	Yellow
54826BEUB	1000 kcmil	—	3/8	2.80 (71.1)	2.27 (7.6)	0.30 (7.6)	1.55 (39.4)	0.38 (9.7)	1.00 (25.4)	125	—
54882BEUB			1/2	3.00 (76.2)	2.27 (7.6)	0.30 (7.6)	1.55 (39.4)	0.50 (21.6)	1.75 (44.5)		

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements. Call your Regional Sales Office for sizes not listed.  
Tooling: pp. E4–E62  
Die Selector Chart: pp. E35–E50



## Compression Connectors for Copper Conductors

### Narrow-Tongue Lugs

#### Ideal for Confined-Space Terminations!

To meet increasing demand for smaller components in today's panels and switchgear, Thomas & Betts has expanded its line of Color-Keyed® Narrow-Tongue Lugs to include two-hole and angled lugs. These improved lugs have been precision engineered for consistency in width the entire length of the connector, from barrel to tongue, ensuring a reliable fit in confined-space applications.

- Narrow-width tongue and barrel, engineered for dimensional consistency the entire length of the lug
- Perfect for connections in limited-space applications
- High-conductivity copper construction
- Electrolytically tin-plated finish resists corrosion
- T&B Color-Keyed® marking system makes connections and verification easy
- Double-chamfered barrel eases insertion of wire

#### Technical specifications

- Certified Rating: 600 V
- Recommended Rating: Up to 35 kV‡
- Material: 99% pure high-conductivity seamless wrought copper
- Finish: Electro-Tin Plated
- Standards: UL Listed, CSA Certified and RoHS compliant



#### Ideal for use in:

- Panels
- Switchgear
- Molded-case circuit breakers
- Motor starters
- Other limited-space OEM applications

### NOW AVAILABLE IN:

- One-hole
- Two-hole
- Straight
- 45° Angled
- 90° Angled



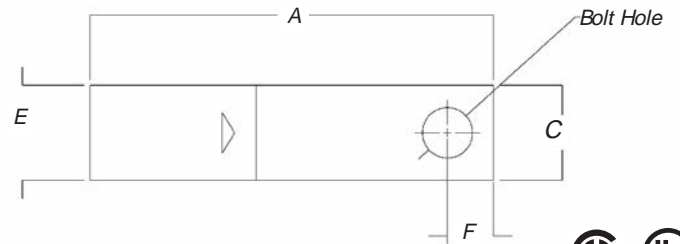
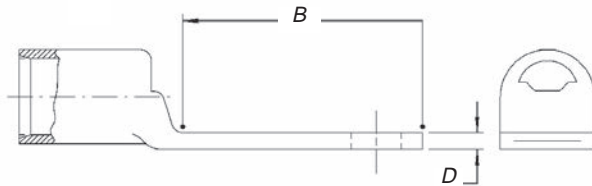
‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.



## Compression Connectors for Copper Conductors

### Narrow-Tongue Copper Lugs

One-Hole, Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)						Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		A	B	C	D	E	F		
54138NT	#4 AWG	#5 AWG – 91/24	#10	1.31 (33.3)	0.56 (14.2)	0.37 (9.4)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	29	Grey
54107NT	#2-3 AWG	#3 AWG – 125/24	1/4	1.50 (38.1)	0.65 (16.5)	0.41 (10.4)	0.07 (1.8)	0.41 (10.4)	0.25 (6.4)	33	Brown
54108NT	#1 AWG	#2 AWG, 150, 175/24	1/4	1.50 (38.1)	0.65 (16.5)	0.47 (11.9)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	37	Green
54152NT	1/0 AWG	#1 AWG – 225/24	1/4	1.60 (40.6)	0.65 (16.5)	0.52 (13.2)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	42	Pink
54157NT	2/0 AWG	1/0 AWG – 275/24	1/4	1.60 (40.6)	0.65 (16.5)	0.57 (14.5)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	45	Black
54162NT	3/0 AWG	2/0 AWG – 325/24	1/4	1.68 (42.7)	0.65 (16.5)	0.63 (16.0)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	50	Orange
54167NT	4/0 AWG	3/0 AWG – 450/24	1/4	1.90 (48.3)	0.65 (16.5)	0.70 (17.8)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	54	Purple
54172NT	250 kcmil	4/0 AWG – 550/24	1/4	2.00 (50.8)	0.65 (16.5)	0.77 (19.6)	0.14 (3.6)	0.77 (19.6)	0.25 (6.4)	62	Yellow
54178NT04	300 kcmil	650/24	1/4	2.33 (59.2)	0.88 (22.4)	0.85 (21.6)	0.15 (3.8)	0.85 (21.6)	0.25 (6.4)	66	White
54115NT	350 kcmil	650/24	1/2	2.75 (69.9)	1.25 (31.8)	0.93 (23.6)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	71H	Red
54115NT06		650/24	3/8	2.50 (63.5)	1.00 (25.4)	0.93 (23.6)	0.18 (4.6)	0.93 (23.6)	0.38 (16.0)		
54118NT	500 kcmil	925/24	1/2	3.25 (82.6)	1.25 (31.8)	1.10 (27.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	87	Brown
54123NT08	750 kcmil	1325/24	1/2	3.48 (88.4)	1.25 (31.8)	1.33 (33.8)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	106H	Black
54123NT		1325/24	5/8	3.80 (96.5)	1.58 (40.1)	1.33 (33.8)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)		

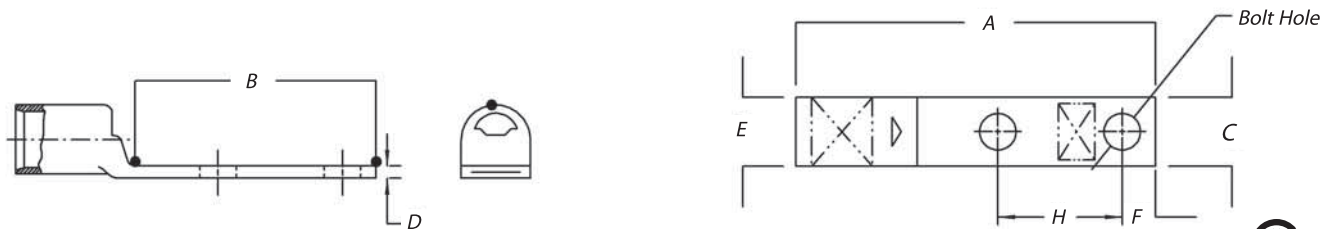
‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

Cat. No.	Type	Cat. No. Example:
54108NT_____*	_____ = To order 45° and 90° Angle Lugs UF = 45° UB = 90°	54108NTUB is a 90° angled one-hole narrow-tongue lug for #1 AWG.
Other options include silver plating (add SP to catalogue number), blind end (add BE to catalogue number) and peep holes (add PH to catalogue number).		



## Compression Connectors for Copper Conductors

**Narrow-Tongue Copper Lugs**  
**Two-Hole, Standard Barrel Certified to 600 V**  
**and Recommended up to 35 kV‡**



Cat. No.	Wire Size		Bolt Size	Dimensions in. (mm)							Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M		A	B	C	D	E	F	H		
54206NT0310	#4 AWG	# 5 AWG – 91/24	#10	1.88 (47.8)	1.13 (28.7)	0.37 (9.4)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54207NT	#2-3 AWG	#3 AWG – 125/24	1/4	2.04 (61.0)	1.19 (30.2)	0.41 (10.4)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)	33	Brown
54207NT0412			1/4	2.16 (54.9)	1.31 (33.3)	0.41 (10.4)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)		
54207NT0416			1/4	2.41 (61.2)	1.56 (39.6)	0.41 (10.4)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	1.00 (25.4)		
54208NT	#1 AWG	#2 AWG – 150, 175/24	1/4	2.40 (61.0)	1.19 (30.2)	0.47 (11.9)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)	37	Green
54208NT0516			5/16	2.63 (66.8)	1.78 (45.2)	0.47 (11.9)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	1.00 (25.4)		
54255NT	1/0 AWG	#1 AWG – 225/24	5/16	2.61 (66.3)	1.66 (42.2)	0.52 (13.2)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	42	Pink
54261NT	2/0 AWG	1/0 AWG – 275/24	5/16	2.66 (67.6)	1.66 (42.2)	0.57 (14.5)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)	45	Black
54210NT			3/8	2.82 (71.6)	1.82 (46.2)	0.57 (14.5)	0.14 (3.6)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)		
54266NT	3/0 AWG	2/0 AWG – 325/24	5/16	2.88 (73.2)	1.78 (45.2)	0.63 (16.0)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	50	Orange
54211NT			3/8	2.92 (74.2)	1.82 (46.2)	0.63 (16.0)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)		
54212NT	4/0 AWG	3/0 AWG – 450/24	3/8	3.07 (94.0)	1.82 (46.2)	0.70 (17.8)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.00 (25.4)	54	Purple
54213NT	250 kcmil	4/0 AWG – 550/24	3/8	3.17 (80.5)	1.82 (46.2)	0.77 (19.6)	0.14 (3.6)	0.77 (19.6)	0.38 (9.7)	1.00 (25.4)	62	Yellow
54275NT			1/2	4.16 (105.7)	2.81 (71.4)	0.77 (19.6)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)		
54282NT	350 kcmil	650/24	1/2	4.36 (110.7)	2.81 (71.4)	0.93 (23.6)	0.18 (4.6)	0.93 (23.6)	0.50 (12.7)	1.75 (44.5)	71H	Red
54218NT	500 kcmil	925/24	3/8	4.57 (116.1)	2.57 (65.3)	1.10 (27.9)	0.22 (5.6)	1.10 (27.9)	0.38 (9.7)	1.75 (44.5)	87	Brown
54286NT			1/2	4.81 (122.2)	2.81 (71.4)	1.10 (27.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)		
54878BENTPH	600 kcmil	1100/24	1/2	5.83 (148.1)	3.00 (76.2)	1.20 (30.5)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)	94	Green
54223NT0628	750 kcmil	1325/24	3/8	4.79 (121.7)	2.57 (65.3)	1.33 (33.8)	0.27 (6.9)	1.33 (33.8)	0.38 (9.7)	1.75 (44.5)	106H	Black
54223NT			1/2	5.04 (137.2)	2.81 (71.4)	1.33 (33.8)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)		
58884BENTPH	–	1600/24	1/2	6.16 (156.5)	3.00 (76.2)	1.33 (33.8)	0.24 (6.1)	1.20 (30.5)	0.50 (12.7)	1.75 (44.5)		

Catalogue numbers 54878BENTPH and 58884BENTPH include peep holes.

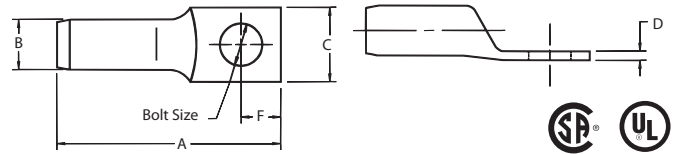
‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

Cat. No.	Type	Cat. No. Example:
54212NT _____ *	_____ = To order 45° and 90° Angle Lugs UF = 45° UB = 90°	54212NTUB is a 45° angled one-hole narrow-tongue lug for #1 AWG.
Other options include silver plating (add SP to catalogue number), blind end (add BE to catalogue number) and peep holes (add PH to catalogue number).		

## Compression Connectors for Copper Conductors

### Copper One-Hole Lugs — Certified to 600 V and Recommended up to 15 kV

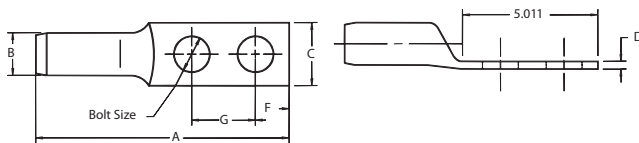
These Color-Keyed® Connectors are recommended for up to 15 kV applications. Installed with standard T&B 14 and 15-Tons compression tools with special rounding dies, the compression forms the connector and conductor into a solid mass to provide an optimum electrical bond between connector and conductor. The rounding die-overlapped compressions provide a smooth round surface. This combined with the tapered barrel ends, addresses the control for potentially damaging electrical stresses of high voltages.



Cat. No.	Cable Size**		Dimensions in. (mm)						Installing Tools 14 and 15 Tons*		
	Code Cable	Stud Size (in.)	A	B	C	D	E	F	Die Set Cat. No.	Strip Length (in.)	Colour Code
54440	#4 AWG	3/8	2.08 (71.1)	0.81 (20.6)	0.58 (14.7)	0.08 (2.0)	0.38 (9.7)	0.50 (12.7)	15CA29R	1-7/16	Grey
54443	#2 AWG		2.25 (57.2)	0.81 (20.6)	0.66 (16.8)	0.09 (2.3)	0.38 (9.7)	0.50 (12.7)	15CA33R	1-7/16	Brown
54448	#1 AWG		2.36 (59.9)	0.81 (20.6)	0.69 (17.5)	0.10 (2.5)	0.38 (9.7)	0.50 (12.7)	15CA37R	1-18/32	Green
54409	1/0 AWG		2.38 (60.5)	0.81 (20.6)	0.75 (19.1)	0.12 (3.0)	0.38 (9.7)	0.50 (12.7)	15CA42R	1-5/8	Pink
54460	2/0 AWG	1/2	2.73 (69.3)	1.06 (40.6)	0.83 (21.1)	0.12 (3.0)	0.50 (12.7)	0.50 (12.7)	15CA45R	1-5/8	Black
54465	3/0 AWG		2.81 (71.4)	1.06 (40.6)	0.94 (23.9)	0.12 (3.0)	0.50 (12.7)	0.50 (12.7)	15CA49R	1-3/4	Orange
54470	4/0 AWG		2.78 (70.6)	1.06 (40.6)	1.00 (25.4)	0.13 (3.3)	0.50 (12.7)	0.50 (12.7)	15CA54R	1-13/16	Purple
54413	250 kcmil		3.19 (81.0)	1.06 (40.6)	1.07 (43.2)	0.14 (3.6)	0.50 (12.7)	0.50 (12.7)	15CA60R	2-1/32	Ruby

\*\*Cable size: Concentric (code) and compact strandings  
 \*Cat. No. TB15500 Die Adaptor required for TBM15I  
 Tooling: pp. E4-E62  
 Die Selector Chart: pp. E35-E50

### Copper Two-Hole Lugs — Certified to 600 V and Recommended up to 15 kV Applications



Cat. No.	Cable Size**		Dimensions in. (mm)							Installing Tools 14 and 15 Tons*		
	Code Cable	Stud Size (in.)	A	B	C	D	E	F	G	Die Set Cat. No.	Strip Length (in.)	Colour Code
54475	1/0 AWG	3/8	3.56 (90.4)	0.53 (13.5)	0.77 (19.6)	0.12 (3.0)	0.38 (9.7)	0.38 (9.7)	1.00 (25.4)	15CA42R	1-5/8	Pink
54476	2/0 AWG		4.67 (118.6)	0.56 (14.2)	0.83 (21.1)	0.12 (3.0)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA45R	1-5/8	Black
54478	3/0 AWG		4.75 (120.7)	0.63 (16.0)	0.94 (23.9)	0.12 (3.0)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA49R	1-3/4	Orange
54479	4/0 AWG		4.64 (117.9)	0.69 (17.3)	1.00 (25.4)	0.13 (3.3)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA54R	1-13/16	Purple
54480	250 kcmil	1/2	5.17 (131.3)	0.75 (19.1)	1.08 (45.7)	0.14 (3.6)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA60R	2-1/32	Ruby
54481	300 kcmil		5.16 (131.1)	0.81 (20.6)	1.19 (30.2)	0.16 (4.1)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA66R	23/32	White
54482	350 kcmil		5.35 (135.9)	0.88 (22.1)	1.29 (32.8)	0.19 (4.8)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA71R	2-13/32	Red
54483	400 kcmil		5.35 (135.9)	0.92 (23.4)	1.36 (34.5)	0.18 (4.6)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA76R	2-13/32	Blue
54484	500 kcmil	1/2	5.60 (142.2)	1.06 (40.6)	1.54 (39.1)	0.23 (5.8)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA87R	2-13/32	Brown
54485***	600 kcmil		5.83 (148.1)	1.17 (29.7)	1.70 (43.2)	0.24 (6.1)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA84R	2-1/16	Green
54487***	750 kcmil		1/21	6.13 (155.7)	1.11 (27.9)	1.89 (48.0)	0.27 (6.9)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15CA106R	2-3/4
54490	1000 kcmil	1/2	6.60 (167.6)	1.50 (38.1)	2.18 (55.4)	0.31 (7.9)	0.50 (12.7)	0.50 (12.7)	1.75 (44.5)	15C125R•	2-29/32	-

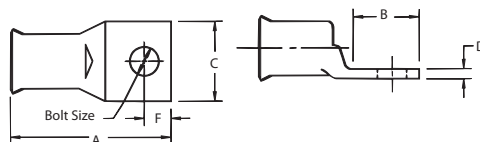
• No adaptor required – TBM15I only.  
 \*\* Cable Size: Concentric (code) and compact strandings.  
 14-Tons Tool UL Listing limited to 1/0 AWG and 500 kcmil cable sizes.  
 \*\*\* 15-Tons Tool only for 500 kcmil and over.

\* Cat. No. TB15500 Die Adaptor required for TBM15I.  
 Tooling: pp. E4-E62  
 Die Selector Chart: pp. E35-E50

## Compression Connectors for Copper Conductors



**Bell-Ended Lugs — Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>**



Cat. No.	Wire Size*			Classes					Bolt Size (in.)	Dimensions in. (mm)					Die Code	Colour Code
	Cable Code	Navy	Flex	G	H	I	K	M		A	B	C	D	F		
54104BS	8	23	37/24	8	8	—	8	8	#10	1.06 (40.6)	0.46 (11.7)	0.40 (10.2)	0.07 (1.8)	0.21 (5.3)	21	Red
54105BS	6	30	61/24	5	5	5	5	5	1/4	1.18 (30.0)	0.56 (14.2)	0.43 (10.9)	0.10 (2.5)	0.25 (6.4)	24	Blue
54106BS	4	40-50	91/24	5	5	5	5	5	1/4	1.28 (32.5)	0.56 (14.2)	0.56 (14.2)	0.10 (2.5)	0.25 (6.4)	29	Grey
54139BS	3 and 4	40-50	91/24	4	4	4	4	4	5/16	1.43 (36.3)	0.78 (19.8)	0.59 (19.8)	0.07 (1.8)	0.34 (8.6)		
54142BS	2	60	125/24	3	3	3	3	3	5/16	1.53 (38.9)	0.71 (18.0)	0.65 (16.5)	0.07 (1.8)	0.34 (8.6)	33	Brown
54147BS	1	75	150, 175/24	2	2	2	2	2	5/16	1.91 (48.5)	0.71 (18.0)	0.67 (17.0)	0.12 (3.0)	0.38 (9.7)	37	Green
54153BS	1/0	100	225/24	1	1	1	1	1	5/16	1.63 (41.4)	0.71 (18.0)	0.75 (19.1)	0.14 (3.6)	0.38 (9.7)	42	Pink
54110BS	2/0	125	275/24	1/0	1/0	1/0	1/0	1/0	3/8	1.88 (47.8)	0.81 (20.6)	0.81 (20.6)	0.14 (3.6)	0.38 (9.7)	45	Black
54165BS	3/0	150	325/24	2/0	2/0	2/0	2/0	2/0	1/2	2.21 (56.1)	1.06 (40.6)	0.93 (23.6)	0.14 (3.6)	0.50 (12.7)	50	Orange
54170BS	4/0	200	450/24	3/0	3/0	3/0	3/0	3/0	1/2	2.31 (58.7)	1.06 (40.6)	1.03 (33.0)	0.15 (3.8)	0.50 (12.7)	54	Purple
58165BS	250	—	550/24	4/0	4/0	4/0	4/0	4/0	1/2	2.46 (62.5)	1.12 (28.4)	1.25 (31.8)	0.18 (4.6)	0.50 (12.7)	62	Yellow
54114BS	300	300	650/24	250	250	250	250	—	1/2	2.46 (62.5)	1.12 (28.4)	1.25 (31.8)	0.18 (4.6)	0.50 (12.7)	66	White
5411440BS		300	650/24	250	250	250	250	—	1/2	2.38 (60.5)	1.12 (28.4)	1.25 (31.8)	0.18 (4.6)	0.50 (12.7)		
54115260BS		350	650/24	—	—	250	250	250	1/2	2.63 (66.8)	1.18 (30.0)	1.38 (35.1)	0.20 (5.1)	0.56 (14.2)		
54185BS	400	400	775/24	300	300	300	300	300	5/8	3.43 (87.1)	1.68 (42.7)	1.40 (35.6)	0.21 (5.3)	0.81 (20.6)	76	Blue
58177BS	500	—	925/24	400	400	400	400	400	5/8	3.00 (76.2)	1.31 (33.3)	1.63 (41.4)	0.25 (6.4)	0.81 (20.6)	80	—
58180BS	600	—	1100/24	—	—	450	450	450	5/8	3.63 (92.2)	1.68 (42.7)	1.78 (45.2)	0.26 (6.6)	0.81 (20.6)	94	Green
54122BS	700	—	1325/24	500	500	500	500	500	5/8	3.63 (92.2)	1.68 (42.7)	1.78 (45.2)	0.28 (7.1)	0.81 (20.6)	99	Pink
54123BS	750	—	—	600	—	—	—	550	5/8	3.63 (92.2)	1.68 (42.7)	1.93 (49.0)	0.31 (7.9)	0.81 (20.6)	106	Black
54124BS	800	800	—	—	—	—	600	—	5/8	3.81 (96.8)	1.68 (42.7)	2.00 (50.8)	0.31 (7.9)	0.63 (16.0)	107	Orange
54126BS	900	—	1925/24	—	—	750	—	—	5/8	4.12 (104.6)	1.81 (46.0)	2.18 (55.4)	0.37 (9.4)	0.88 (22.4)	115	Yellow

<sup>‡</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

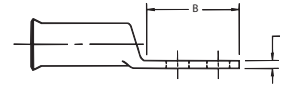
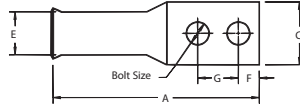
\* Stranding will differ per class.

Tooling: pp. E4–E62

Die Selector Chart: pp. E35–E50

## Compression Connectors for Copper Conductors

**Bell-Ended Lugs — Long Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>**



Cat. No.	Wire Size*			Classes					Bolt Size (In.)	Dimensions in. (mm)							Die Code	Colour Code
	Code Cable	Navy	Flex	G	H	I	K	M		A	B	C	D	E	F	G		
54850BEBS	8	23	8	8	8	-	8	-	1/4	2.19 (55.6)	1.88 (47.8)	0.42 (10.7)	0.07 (1.8)	0.26 (6.6)	0.25 (6.4)	0.63 (16.0)	21	Red
54851BEBS									1/4	2.31 (58.7)	1.59 (32.8)	0.47 (11.9)	0.06 (1.5)	0.26 (6.6)	0.25 (6.4)	0.75 (19.1)		
54851BE0616BS									3/8	3.00 (76.2)	2.10 (53.3)	0.56 (14.2)	0.06 (1.5)	0.26 (6.6)	0.38 (9.7)	1.00 (25.4)		
54852BE0616BS	6	30	6	5	5	5	5	-	3/8	2.93 (74.4)	1.93 (49.0)	0.59 (15.0)	0.06 (1.5)	0.30 (7.6)	0.38 (9.7)	1.00 (25.4)	24	Blue
54852BEBS									1/4	2.28 (57.9)	1.28 (32.5)	0.44 (11.2)	0.08 (2.0)	0.30 (7.6)	0.25 (6.4)	0.63 (16.0)		
54852BE0412BS									1/4	2.43 (61.7)	1.43 (36.3)	0.43 (10.9)	0.07 (1.8)	0.30 (7.6)	0.25 (6.4)	0.75 (19.1)		
54854BE0412BS	4-3	40-50	5	5	5	5	5	-	1/4	2.31 (58.7)	1.19 (30.2)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)	29	Grey
54854BEBS									1/4	2.31 (58.7)	1.19 (30.2)	0.52 (13.2)	0.10 (2.5)	0.37 (9.4)	0.25 (6.4)	0.63 (16.0)		
54854BE0616BS									3/8	3.13 (79.5)	1.98 (50.3)	0.59 (15.0)	0.09 (2.3)	0.37 (9.4)	0.25 (6.4)	0.75 (19.1)		
54855BE0412BS	2	60	3	3	3	3	3	3	1/4	2.63 (66.8)	1.35 (34.3)	0.68 (17.3)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.75 (19.1)	33	Brown
54855BEBS									1/4	2.43 (61.7)	1.28 (32.5)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.25 (6.4)	0.63 (16.0)		
54856BEBS									3/16	2.78 (70.6)	1.63 (41.4)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	0.75 (19.1)		
54810BE0616BS	1	75	2	2	2	2	2	2	3/8	3.08 (96.5)	1.94 (49.3)	0.59 (15.0)	0.11 (2.8)	0.41 (10.4)	0.38 (9.7)	1.00 (25.4)	37	Green
54811BEBS									1/2	4.28 (108.7)	3.00 (76.2)	0.88 (22.4)	0.09 (2.3)	0.41 (10.4)	0.50 (12.7)	1.75 (44.5)		
54809BEBS									1/4	2.88 (73.2)	1.19 (30.2)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.63 (16.0)		
54812BEBS	1/0	100	1	1	1	1	1	1	1/4	2.75 (69.9)	1.40 (35.6)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.25 (6.4)	0.75 (19.1)	42	Pink
54858BEBS									5/16	2.97 (75.4)	1.63 (41.4)	0.67 (17.0)	0.11 (2.8)	0.47 (11.9)	0.38 (9.7)	0.88 (22.4)		
54857BEBS									1/2	4.43 (112.5)	3.00 (76.2)	0.88 (22.4)	0.10 (2.5)	0.47 (11.9)	0.50 (12.7)	1.75 (44.5)		
54859BEBS	2/0	125	1/0	1/0	1/0	1/0	1/0	1/0	1/4	2.63 (66.8)	1.19 (30.2)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.63 (16.0)	45	Black
54813BEBS									1/4	2.71 (68.8)	1.38 (35.1)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.25 (6.4)	0.75 (19.1)		
54860BEBS									5/16	2.97 (75.4)	1.63 (41.4)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	0.88 (22.4)		
54860BE0616BS	3/0	150	2/0	2/0	2/0	2/0	2/0	2/0	3/8	3.23 (82.0)	1.93 (49.0)	0.75 (19.1)	0.13 (3.3)	0.52 (13.2)	0.38 (9.7)	1.00 (25.4)	50	Orange
54814BEBS									1/4	2.62 (66.5)	1.25 (31.8)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.63 (16.0)		
54814BE0412BS									1/4	2.69 (68.3)	1.31 (33.3)	0.81 (20.6)	0.13 (3.3)	0.57 (14.5)	0.25 (6.4)	0.75 (19.1)		
54862BE0616BS	4/0	200	3/0	3/0	3/0	3/0	3/0	3/0	3/8	3.19 (81.0)	1.81 (46.0)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.38 (9.7)	1.00 (25.4)	54	Purple
54862BEBS									1/2	2.20 (55.9)	2.81 (71.4)	0.83 (21.1)	0.13 (3.3)	0.57 (14.5)	0.50 (12.7)	1.75 (44.5)		
54815BEBS									1/4	2.89 (73.4)	1.45 (36.8)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.25 (6.4)	0.75 (19.1)		
54816BEBS	250	-	4/0	4/0	4/0	4/0	4/0	4/0	3/8	3.25 (82.6)	1.63 (41.4)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.38 (9.7)	1.00 (25.4)	62	Yellow
54864BEBS									1/2	4.45 (113.0)	3.00 (76.2)	0.92 (23.4)	0.13 (3.3)	0.63 (16.0)	0.50 (12.7)	1.75 (44.5)		
54817BEBS									1/4	3.15 (80.0)	1.38 (35.1)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	0.75 (19.1)		
54818BE0616BS	300	300	3/0	3/0	3/0	3/0	3/0	3/0	3/8	3.35 (85.1)	1.81 (46.0)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.25 (6.4)	1.00 (25.4)	54	Purple
54818BEBS									3/8	4.38 (111.3)	2.63 (66.8)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.38 (9.7)	1.75 (44.5)		
54866BEBS									1/2	4.70 (119.4)	3.00 (76.2)	1.03 (26.2)	0.14 (3.6)	0.70 (17.8)	0.50 (12.7)	1.75 (44.5)		
54868BE0616BS	300	300	262 kcmil	250 kcmil	250	250	250	-	3/8	3.83 (97.3)	1.93 (49.0)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.00 (25.4)	66	White
54868BEBS									1/2	4.92 (125.0)	3.00 (76.2)	1.13 (28.7)	0.14 (3.6)	0.77 (19.6)	0.50 (12.7)	1.75 (44.5)		
54819BEBS									3/8	5.04 (137.2)	2.80 (71.1)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.00 (25.4)		
54870BEBS	400	400	313 kcmil	300 kcmil	300	300	300	-	1/2	5.23 (132.8)	3.00 (76.2)	1.25 (31.8)	0.15 (3.8)	0.85 (21.6)	0.50 (12.7)	1.75 (44.5)	76	Blue
54822BEBS									1/4	4.38 (111.3)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	0.75 (19.1)		
54821BEBS									3/8	4.43 (112.5)	1.93 (49.0)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	1.00 (25.4)		
54874BEBS	500	-	373 kcmil	400 kcmil	400	400	400	-	1/2	5.51 (140.0)	3.00 (76.2)	1.41 (35.8)	0.17 (4.3)	0.96 (24.4)	0.63 (16.0)	1.75 (44.5)	87	Brown
54823BEBS									1/4	4.93 (125.2)	1.94 (49.3)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	0.75 (19.1)		
54876BE0616BS									3/8	5.00 (127.0)	1.93 (49.0)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.00 (25.4)		
54876BEBS	-	-	444 kcmil	-	-	450	450	-	1/2	6.00 (152.4)	3.00 (76.2)	1.61 (40.9)	0.22 (5.6)	1.10 (27.9)	0.50 (12.7)	1.75 (44.5)	94	Green
54824BEBS									3/8	5.70 (144.8)	2.80 (71.1)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	1.00 (25.4)		
54878BEBS									1/2	5.83 (148.1)	3.00 (76.2)	1.75 (44.5)	0.24 (6.1)	1.20 (30.5)	0.63 (16.0)	1.75 (44.5)		
54879BEBS	700	-	535 kcmil	500 kcmil	500	500	500	-	1/2	6.00 (152.4)	3.00 (76.2)	2.81 (71.4)	0.28 (7.1)	1.25 (31.8)	0.50 (12.7)	1.75 (44.5)	99	Pink
54880BEBS									1/2	6.20 (157.5)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	1.75 (44.5)		
58884BEBS									1/2	6.16 (156.4)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.63 (16.0)	1.75 (44.5)		
58826BEBS	900	-	777 kcmil	-	-	750	-	-	1/2	6.16 (156.4)	3.00 (76.2)	1.94 (49.3)	0.27 (6.9)	1.33 (33.8)	0.50 (12.7)	1.75 (44.5)	106	Black
	3/8	6.49 (164.8)	2.80 (71.1)	2.27 (57.7)	0.30 (7.6)	1.50 (38.1)	0.63 (16.0)	1.00 (25.4)										

<sup>‡</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.  
\* Stranding will differ per class.

Tooling: pp. E4-E62  
Die Selector Chart: pp. E35-E50



## Compression Connectors for Copper Conductors

**Two-Barrel Lugs — Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>**

**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated

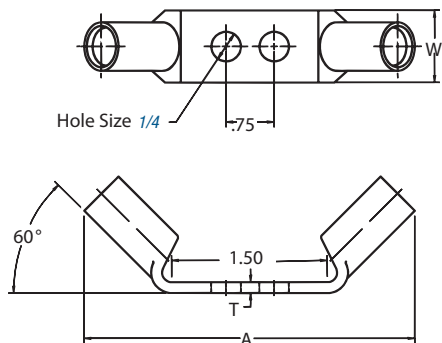


Figure 1

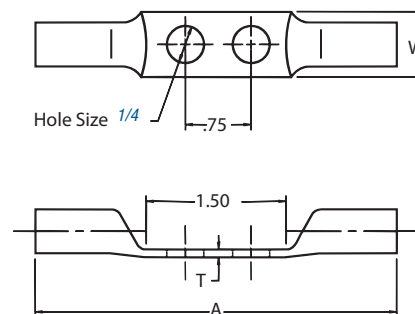


Figure 2



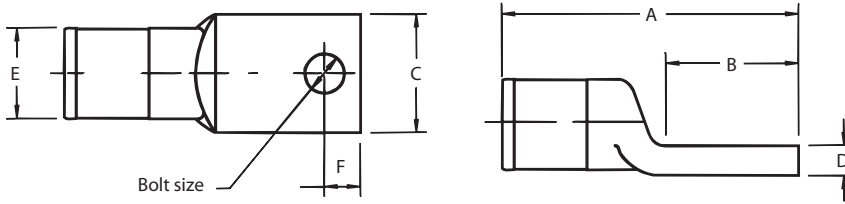
Cat. No.	Wire Size		Hole Size (in.)	Figure No.	Dimensions in. (mm)			Die Code	Colour Code
	Code Cable	Flex			A	W	T		
256-30695-828	6	61/24	1/4	1	2.94 (74.7)	0.44 (11.2)	0.06 (1.5)	24	Blue
256-30695-1227				2	3.38 (85.9)				

<sup>‡</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.  
 Tooling: pp. E4–E62  
 Die Selector Chart: pp. E35–E50

## Compression Connectors for Copper Conductors



### Cast Copper One-Hole Lugs Heavy-Duty Certified to 600 V and Recommended up to 35 kV‡



**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated



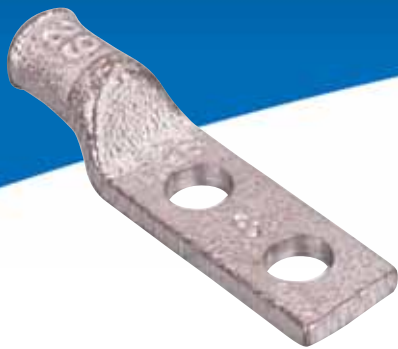
Cat. No.	Code Cable Size	Dimensions in. (mm)					Bolt Size (in.)	Die Code
		A	B	C	D	F		
53104	8	1.43 (36.3)	0.75 (19.1)	0.50 (12.7)	0.12 (3.0)	0.28 (7.1)	#10	29
53105	6	1.43 (36.3)	0.75 (19.1)	0.50 (12.7)	0.12 (3.0)	0.28 (7.1)	1/4	
53106	4	1.43 (36.3)	0.75 (19.1)	0.50 (12.7)	0.12 (3.0)	0.28 (7.1)		
53107	2	2.00 (50.8)	1.00 (25.4)	0.75 (19.1)	0.25 (6.4)	0.43 (10.9)		
53108	1	2.00 (50.8)	1.00 (25.4)	0.75 (19.1)	0.25 (6.4)	0.43 (10.9)		
53109	1/0	2.00 (50.8)	1.00 (25.4)	0.75 (19.1)	0.25 (6.4)	0.43 (10.9)		
53161*	325/24	2.18 (55.4)	0.75 (19.1)	0.81 (20.6)	0.21 (5.3)	0.43 (10.9)		3/8
53110	2/0	2.63 (66.8)	1.25 (31.8)	1.00 (25.4)	0.28 (7.1)	0.53 (13.5)		
53111	3/0	2.63 (66.8)	1.25 (31.8)	1.00 (25.4)	0.28 (7.1)	0.53 (13.5)		
53112	4/0	2.63 (66.8)	1.25 (31.8)	1.00 (25.4)	0.28 (7.1)	0.53 (13.5)		
53165*	650/24	3.06 (91.4)	1.38 (35.1)	1.18 (30.0)	0.31 (7.9)	0.75 (19.1)	1/2	
53113	250 kcmil	3.06 (91.4)	1.50 (38.1)	1.18 (30.0)	0.31 (7.9)	0.75 (19.1)		
53114	300 kcmil	3.06 (91.4)	1.50 (38.1)	1.18 (30.0)	0.31 (7.9)	0.75 (19.1)		
53115	350 kcmil	3.81 (96.8)	2.00 (50.8)	1.38 (35.1)	0.38 (9.7)	0.81 (20.6)		
53116	400 kcmil	3.81 (96.8)	2.00 (50.8)	1.38 (35.1)	0.38 (9.7)	0.81 (20.6)		
53118	500 kcmil	3.81 (96.8)	2.00 (50.8)	1.38 (35.1)	0.38 (9.7)	0.81 (20.6)		
53168*	1100/24	3.81 (96.8)	1.63 (41.4)	1.63 (41.4)	0.40 (10.2)	0.88 (22.4)		
53169*	1325/24	3.81 (96.8)	1.63 (41.4)	1.63 (41.4)	0.40 (10.2)	0.88 (22.4)		
53123	750 kcmil	4.18 (106.2)	2.12 (53.8)	1.63 (41.4)	0.43 (10.9)	1.00 (25.4)		
53173*	2750/24	5.06 (142.2)	1.88 (47.8)	2.12 (53.8)	0.56 (14.2)	1.18 (30.0)		

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

Applicable tools: 12, 14, 15 and 40-Tons (see tool section E4–E62).

\* Not UL Listed and CSA non applicable.

Die Selector Chart: pp. E35–E50



## Compression Connectors for Copper Conductors

**Cast Copper Two-Hole Lugs for Code Copper Cable — Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>**

**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated

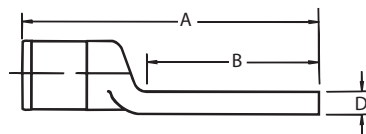
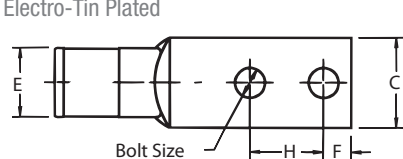


Figure 1

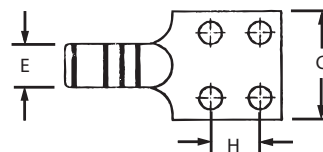


Figure 2



Cat. No.	Code Cable Size	Bolt Size (in.)	Dimensions in. (mm)							Die Code	No. of Crimps		
			A	B	C	D	E	F	H		12-Tons	15-Tons	40-Tons
<b>256-30695-1055</b>	#14-10	1/4	2.00 (50.8)	1.31 (33.3)	0.50 (12.7)	0.12 (3.0)	0.38 (9.7)	0.25 (6.4)	0.63-0.75 (16.0-19.1)	29	1		
<b>53204</b>	#8		2.00 (50.8)	1.31 (33.3)	0.50 (12.7)	0.09 (2.3)	0.38 (9.7)	0.25 (6.4)	0.63 (16.0)				
<b>53205</b>	#4		2.00 (50.8)	1.31 (33.3)	0.50 (12.7)	0.12 (3.0)	0.38 (9.7)	0.25 (6.4)	0.63 (16.0)				
<b>53206</b>	#2		3.00 (76.2)	2.00 (50.8)	0.75 (19.1)	0.12 (3.0)	0.59 (15.0)	0.50 (12.7)	0.75 (19.1)				
<b>53207</b>	#1	3/8	3.00 (76.2)	2.00 (50.8)	0.75 (19.1)	0.25 (6.4)	0.59 (15.0)	0.50 (12.7)	1.00 (25.4)	45			
<b>53208</b>	1/0		3.00 (76.2)	2.00 (50.8)	0.75 (19.1)	0.25 (6.4)	0.59 (15.0)	0.50 (12.7)	1.00 (25.4)				
<b>53209</b>	2/0		4.31 (109.5)	3.00 (76.2)	0.75 (19.1)	0.18 (4.6)	0.84 (21.3)	0.63 (16.0)	1.75 (44.5)				
<b>53210</b>	3/0		4.31 (109.5)	3.00 (76.2)	1.00 (25.4)	0.28 (7.1)	0.84 (21.3)	0.63 (16.0)	1.75 (44.5)				
<b>53211</b>	4/0	1/2	4.31 (109.5)	3.00 (76.2)	1.00 (25.4)	0.28 (7.1)	0.84 (21.3)	0.63 (16.0)	1.75 (44.5)	66			
<b>53212</b>	250 kcmil		4.31 (109.5)	3.00 (76.2)	1.00 (25.4)	0.18 (4.6)	0.93 (23.6)	0.63 (16.0)	1.75 (44.5)				
<b>53213</b>	300 kcmil		4.56 (115.8)	3.00 (76.2)	1.18 (30.0)	0.31 (7.9)	0.93 (23.6)	0.63 (16.0)	1.75 (44.5)				
<b>53214</b>	350 kcmil		5.31 (134.9)	3.50 (88.9)	1.38 (35.1)	0.25 (6.4)	1.21 (30.7)	0.63 (16.0)	1.75 (44.5)				
<b>53215</b>	400 kcmil	150	5.31 (134.9)	3.50 (88.9)	1.38 (35.1)	0.38 (9.7)	1.21 (30.7)	0.63 (16.0)	1.75 (44.5)	99			
<b>53216</b>	500 kcmil		5.31 (134.9)	3.50 (88.9)	1.38 (35.1)	0.38 (9.7)	1.21 (30.7)	0.63 (16.0)	1.75 (44.5)				
<b>53218</b>	600 kcmil		5.31 (134.9)	3.50 (88.9)	1.63 (41.4)	0.53 (13.5)	1.35 (34.3)	0.63 (16.0)	1.75 (44.5)				
<b>53220M</b>	700 kcmil		5.31 (134.9)	3.50 (88.9)	1.63 (41.4)	0.03 (0.8) ±	1.35 (34.3)	0.63 (16.0)	1.75 (44.5)				
<b>53222M</b>	750 kcmil	130	5.31 (134.9)	3.50 (88.9)	1.63 (41.4)	0.03 (0.8) ±	1.35 (34.3)	0.63 (16.0)	1.75 (44.5)	112			
<b>53223M</b>	1325/24		5.31 (134.9)	3.50 (88.9)	1.63 (41.4)	0.40 (10.2)	1.35 (34.3)	0.63 (16.0)	1.75 (44.5)				
<b>53269•</b>	800 kcmil		6.00 (152.4)	3.50 (88.9)	1.88 (47.8)	0.31 (7.9)	1.56 (39.6)	0.63 (16.0)	1.75 (44.5)				
<b>53224</b>	900 kcmil		6.00 (152.4)	3.50 (88.9)	1.88 (47.8)	0.46 (11.7)	1.56 (39.6)	0.63 (16.0)	1.75 (44.5)				
<b>53226</b>	1000 kcmil	150 or 150H	6.00 (152.4)	3.50 (88.9)	1.88 (47.8)	0.46 (11.7)	1.56 (39.6)	0.63 (16.0)	1.75 (44.5)	130			
<b>53228</b>	1100 kcmil 2750/24		6.19 (157.2)	3.50 (88.9)	2.12 (53.8)	0.56 (14.2)	1.90 (28.3)	0.63 (16.0)	1.75 (44.5)				
<b>53273•</b>	1500 kcmil		6.25 (158.8)	3.50 (88.9)	2.25 (57.2)	0.50 (12.7)	1.90 (28.3)	0.63 (16.0)	1.75 (44.5)				
<b>53233</b>	1750 kcmil		7.31 (185.7)	3.12 (79.2)	2.00 (50.8)	0.50 (12.7)	1.88 (47.8)	0.63 (16.0)	1.75 (44.5)				
<b>53233L</b>	1250 kcmil	9/16	7.31 (185.7)	3.12 (79.2)	3.00 (76.2)	0.50 (12.7)	1.88 (47.8)	0.63 (16.0)	1.75 (44.5)	150	1		
<b>53432L•*</b>			7.31 (185.7)	3.12 (79.2)	2.12 (53.8)	0.56 (14.2)	1.90 (48.3)	0.63 (16.0)	1.75 (44.5)				
<b>251-30485-1275</b>	1750 kcmil	-	6.19 (157.2)	3.50 (88.9)	2.12 (53.8)	0.56 (14.2)	1.90 (48.3)	0.63 (16.0)	1.75 (44.5)	-	-	-	-
<b>251-30485-1211</b>	2000 kcmil 169/110	1/2	6.38 (162.1)	3.12 (79.2)	3.00 (76.2)	0.50 (12.7)	2.18 (55.4)	-	-	175			2 (fig. 2)
<b>251-30485-1212</b>			6.38 (162.1)	3.12 (79.2)	2.25 (57.2)	0.50 (12.7)	2.18 (55.4)	-	-				
<b>53239</b>	178/0.104 2000 kcmil 169/0.110	1/2	6.19 (157.2)	3.50 (88.9)	2.75 (69.9)	0.50 (12.7)	2.18 (55.4)	0.63 (16.0)	0.63 (16.0)	175			
<b>53239L</b>	7.31 (185.7)		3.12 (79.2)	2.25 (57.2)	0.50 (12.7)	2.46 (62.5)	0.63 (16.0)	0.63 (16.0)					
<b>53439L•*</b>	7.31 (185.7)		3.12 (79.2)	3.00 (76.2)	0.50 (12.7)	2.18 (55.4)	0.63 (16.0)	0.63 (16.0)	11421 Die				

<sup>‡</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

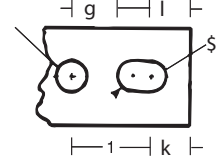
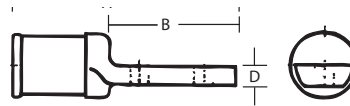
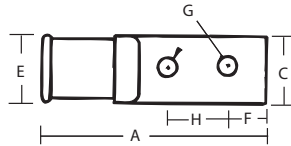
\* Heavy-Duty copper lugs for flexible strand cables 600 V not UL or CSA Listed.

• CSA not applicable. Die Selector Chart: pp. E35-E50

## Compression Connectors for Copper Conductors

### T&B Method — Traction Motor Disconnect Lugs for Diesel-Electric Locomotives

Material: Cast Copper



Cat. No.	Cable Size	Dimensions in. (mm)				Approx. Dia. E in. (mm)	Bolt Size in. (mm)			Die Code
		A	B	C	D		F	G	H	
<b>MD37</b>	37/24	2.44 (62.0)	1.75 (44.5)	0.59 (15.0)	0.16 (4.1)	0.38 (9.7)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	26
<b>MDD61</b>	61/24	2.44 (62.0)	1.75 (44.5)	0.59 (15.0)	0.16 (4.1)	0.38 (9.7)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	
<b>MD 105</b>	105/24	2.63 (66.8)	1.75 (44.5)	0.59 (15.0)	0.16 (4.1)	0.44 (11.2)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	33
<b>MD 105</b>	91/24	2.63 (66.8)	1.75 (44.5)	0.59 (15.0)	0.16 (4.1)	0.44 (11.2)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	
<b>MD 125</b>	125/24	2.63 (66.8)	1.75 (44.5)	0.59 (15.0)	0.20 (5.2)	0.44 (11.2)	0.38 (9.7)	0.31 (7.9)	0.88 (24.4)	45
<b>MD 150</b>	150/24	2.06 (52.3)	1.88 (47.8)	0.59 (15.0)	0.20 (5.2)	0.63 (16.0)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	
<b>MD 175</b>	175/24	2.06 (52.3)	1.88 (47.8)	0.59 (15.0)	0.20 (5.2)	0.63 (16.0)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	60
<b>MD 225</b>	225/24	3.00 (76.2)	1.88 (47.8)	0.69 (17.5)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	
<b>MD 275</b>	275/24	3.00 (76.2)	1.88 (47.8)	0.69 (17.5)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	76
<b>MD 325</b>	325/24	3.00 (76.2)	1.88 (47.8)	0.69 (17.5)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	
<b>MD 375</b>	375/24	3.13 (79.5)	2.00 (50.8)	0.78 (19.8)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	87
<b>MD 450</b>	450/24	3.13 (79.5)	2.00 (50.8)	0.78 (19.8)	0.20 (5.2)	0.72 (18.3)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	
<b>MD 550</b>	550/24	3.19 (81.0)	1.88 (47.8)	0.94 (23.9)	0.20 (5.2)	1.00 (25.4)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	107
<b>MD 650</b>	650/24	3.19 (81.0)	1.88 (47.8)	0.94 (23.9)	0.20 (5.2)	1.00 (25.4)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	
<b>MD 775</b>	775/24	3.19 (81.0)	1.88 (47.8)	0.94 (23.9)	0.38 (9.5)	1.00 (25.4)	0.44 (11.2)	0.31 (7.9)	0.88 (24.4)	115
<b>MD 925</b>	925/24	3.75 (95.3)	2.06 (52.3)	1.13 (28.7)	0.38 (9.5)	1.16 (29.5)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	
<b>MD 1100</b>	1100/24	3.75 (95.3)	2.06 (52.3)	1.34 (34.0)	0.38 (9.5)	1.38 (35.1)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	130
<b>MD 1325</b>	1325/24	3.78 (96.0)	2.09 (53.3)	1.16 (29.5)	0.38 (9.5)	1.75 (44.5)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	
<b>MD 1600</b>	1600/24	3.75 (95.3)	2.06 (52.3)	1.34 (34.0)	0.38 (9.5)	1.38 (35.1)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	115
<b>MD 1925*</b>	1925/24	4.06 (103.1)	2.09 (53.3)	1.34 (34.0)	0.38 (9.5)	1.50 (38.1)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	
<b>MD 2300</b>	2300/24	4.38 (111.3)	2.13 (54.1)	1.59 (40.4)	0.38 (9.5)	1.66 (42.2)	0.44 (11.2)	0.38 (9.7)	1.00 (25.4)	130

Note: Some parts may not be current on the system. Consult your Regional Sales Office for informations.

Tooling: All hydraulic tools 12 tons and up.

For use mechanically splice traction motor wires. MES Flex (B) and DLU.

\* Supplied with Elongated Bolt Hole.



## Compression Connectors for Copper Conductors

### One-Hole Metric Lugs

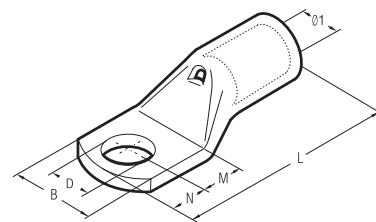
Color-Keyed® metric lugs are manufactured from electrolytic copper tube. The dimensions of the tube are designed to obtain the most efficient electrical conductivity and mechanical strength, resisting vibration and pullout.

Color-Keyed® metric lugs are annealed to guarantee optimum ductility, which is a necessity for compression connectors having to withstand severe deformation arising when compressed or bending of the tongue that may happen during installation.

Connectors have to perform adequately with vibration loads, and annealing is necessary to avoid material failure between the barrel and the tongue.

The presence of an inspection hole facilitates full insertion of the conductor, and the barrel length is designed to allow easy and accurate positioning of the dies during the crimping operation.

Lugs are electrolytically tin-plated to eliminate oxidation of the copper material. Color-Keyed® metric lugs complement our connector family and meet a growing need for customer's connector requirements. Details of the appropriate crimping tools and dies are included. Our Thomas & Betts Sales Representative group is always available to provide any technical advice required. Please contact them if sizes are needed additional to those shown in this catalogue.



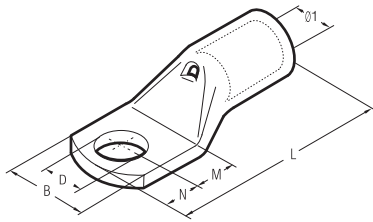
Cat. No.	Cond. Size mm <sup>2</sup>		Stud (mm)	Dimensions (mm)						Std. Pkg.	6-Tons TBM62BSCR (Crimps)	14-Tons BPLT14BSCRI (Crimps)	26-Tons TBM26MCC (Crimps)	60-Tons TBM60MCC (Crimps)
	Low Stranded	Flexible		Ø1	B	M	N	L	D					
MCC6M4	-	4 ÷ 6	4	3.6	8.0	5.0	4.0	21.5	4.3	100	MCD6-6 (1)	-	-	
MCC6M5			5	3.6	9.0	6.5	6.0	25.0	5.3					
MCC6M6			6	3.6	11.0	7.0	6.0	25.5	6.4					
MCC10M4	-	10	4	4.6	10.0	5.0	4.0	22.5	4.3	100	MCD10-6 (1)	MCD10-14 (1)	-	
MCC10M5*			5	4.6	10.0	6.5	6.0	26.0	5.3					
MCC10M6*			6	4.6	11.0	7.0	6.0	26.5	6.4					
MCC10M8*			8	4.6	15.0	9.0	8.0	30.5	8.4					
MCC10M10*	-	10	10	4.6	18.0	11.0	10.0	34.5	10.5	100	MCD16-6 (1)	MCD16-14 (1)	-	
MCC16M4*			4	5.8	11.5	5.0	4.0	25.5	4.3					
MCC16M5*			5	5.8	11.5	6.5	6.0	29.0	5.3					
MCC16M6*			6	5.8	11.5	7.0	6.0	29.5	6.4					
MCC16M8*	-	16	8	5.8	15.0	9.0	8.0	33.5	8.4	100	MCD25-6 (1)	MCD25-14 (1)	-	
MCC16M10*			10	5.8	18.0	11.0	10.0	37.5	10.5					
MCC25M5*			5	7.0	14.0	6.5	6.0	31.5	5.3					
MCC25M6*	-	25	6	7.0	14.0	7.0	6.0	32.0	6.4	100	MCD35-6 (1)	MCD35-14 (1)	-	
MCC25M10*			10	7.0	18.0	11.0	10.0	40.0	10.5					
MCC35M5*	35	25 35	5	8.9	17.0	6.5	6.0	34.0	5.3	50	MCD50-6 (1)	MCD50-14 (1)	-	
MCC35M6*			6	8.9	17.0	7.0	6.0	34.5	6.4					
MCC35M8*			8	8.9	17.0	9.0	8.0	38.5	8.4					
MCC35M10*			10	8.9	19.0	11.0	10.0	42.5	10.5					
MCC35M12*			12	8.9	21.0	14.0	12.0	47.5	13.2					
MCC50M8*	50	35 50	8	10.0	19.0	19.0	8.0	42.5	8.4	50	MCD70-6 (1)	MCD70-14 (1)	-	
MCC50M10*			10	10.0	20.0	11.0	10.0	46.5	10.5					
MCC50M12*			12	10.0	21.0	14.0	12.0	51.5	13.2					
MCC70M6*	70	50 70	6	11.3	21.0	8.0	7.0	44.0	6.4	50	MCD95-6 (1)	MCD95-14 (1)	-	
MCC70M8*			8	11.3	21.0	9.0	8.0	46.0	8.4					
MCC70M10*			10	11.3	21.0	11.0	10.0	50.0	10.5					
MCC70M12*			12	11.3	22.0	14.0	12.0	55.0	13.2					
MCC70M16*			16	11.3	26.0	18.0	16.0	63.0	17.0					
MCC95M8*	95	70 95	8	13.5	25.0	9.0	8.0	52.5	8.4	50	MCD95-6 (1)	MCD95-14 (1)	-	
MCC95M10*			10	13.5	25.0	11.0	10.0	56.5	10.5					
MCC95M12*			12	13.5	25.0	14.0	12.0	61.5	13.2					

\* UL Listed.



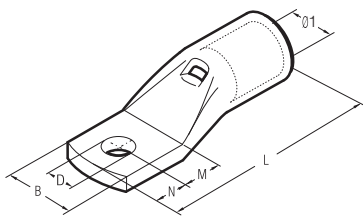
## Compression Connectors for Copper Conductors

### One-Hole Metric Lugs (cont'd)



Cat. No.	Cond. Size mm <sup>2</sup>		Stud (mm)	Dimensions (mm)						Std. Pkg.	6-Tons TBM62BSCR (Crimps)	14-Tons BPLT14BSRI (Crimps)	26-Tons TBM26MCC (Crimps)	60-Tons TBM60MCC (Crimps)
	Low Stranded	Flexible		Ø1	B	M	N	L	D					
MCC120M6	120	95 120	8	—	—	—	—	—	6.4	25	MCD120-6 (1)	MCD120-14 (1)		
MCC120M8*			8	15.2	28.5	9.0	8.0	54.0	8.4	25				
MCC120M10*			10	15.2	28.5	11.0	10.0	58.0	10.5	25				
MCC120M12*			12	15.2	28.5	14.0	12.0	63.0	13.2	25				
MCC120M16*			16	15.2	28.5	18.0	16.0	71.0	17.0	25				
MCC150M10*	150	120 150	10	15.2	28.5	18.0	16.0	71.0	17.0	25	MCD150-6 (3)	MCD150-14 (1)		
MCC150M12*			12	16.7	31.5	16.0	14.0	75.0	13.2	25				
MCC150M16*			16	16.7	31.5	19.0	17.0	81.0	17.0	25				
MCC185M10*	185	150 185	10	19.2	35.5	13.0	11.0	76.0	10.5	25	MCD185-6 (3)	MCD185-14 (1)	—	—
MCC185M12*			12	19.2	35.5	16.0	14.0	82.0	13.2	25				
MCC185M16*			16	19.2	35.5	19.0	17.0	88.0	17.0	15				
MCC240M10*	240	185 240	10	21.1	39.0	13.0	11.0	82.0	10.5	15	MCD240-6 (3)	MCD240-14 (2)		
MCC240M12*			12	21.1	39.0	16.0	14.0	88.0	13.2	15				
MCC240M16*			16	21.1	39.0	19.0	17.0	94.0	17.0	15				
MCC300M10*	300	240	10	23.7	44.0	13.0	11.0	96.0	10.5	10		MCD300-14 (3)		
MCC300M12*			12	23.7	44.0	16.0	14.0	99.0	13.2	10				
MCC300M16*			16	23.7	44.0	19.0	19.0	10.0	17.0	10				
MCC400M10	400	300	10	27.0	51.0	22.0	19.0	113.0	13.2	5		MCD400-14 (3)	MCD400-26 (2)	MCD400-60 (2)
MCC400M12			12	27.0	51.0	22.0	19.0	113.0	13.2	5				
MCC400M16			16	27.0	51.0	22.0	19.0	113.0	17.0	5				
MCC500M10	500	400	10	—	—	—	—	—	13.2	5	—		MCD500-26 (2)	MCD500-60 (2)
MCC500M12			12	—	—	—	—	—	17.0	5				
MCC500M16			16	30.3	56.5	22.0	19.0	117.0	17.0	5				
MCC630M16	630	500	16	33.4	61.6	22.0	19.0	128.0	17.0	6			MCD630-26 (2)	MCD630-60 (2)
MCC630M20			20	33.4	61.6	24.0	23.0	134.0	21.0	6				
MCC800M16	800	630	16	38.0	72.0	24.0	19.0	141.0	17.0	3			—	MCD800-60 (2)
MCC800M20			20	38.0	72.0	24.0	23.0	145.0	21.0	3				
MCC1000M16	1000	800	16	44.0	80.0	24.0	19.0	158.0	17.0	2			—	MCD1000-60 (2)
MCC1000M20			20	44.0	80.0	24.0	23.0	162.0	21.0	2				

\*UL Listed.



## Compression Connectors for Copper Conductors

### Narrow-Tongue Metric Lugs

Color-Keyed® narrow-tongue metric lugs feature a contained tongue width.

Our lugs have been specifically developed for applications with L.V. circuit breakers with reduced space requirements. The tongue width allows a quicker and easier installation.

Color-Keyed® narrow-tongue metric lugs are manufactured from electrolytic copper tube.

The specific design of the barrel and dimensions create the best combination of mechanical strength and electrical conductivity.

Color-Keyed® narrow-tongue metric lugs are annealed to guarantee optimum ductility and are electrolytically tin-plated to avoid oxidation.

The barrel is provided with an internal chamfer for easy insertion of the conductor. The length allows easy positioning of the dies for proper crimping.



Cat. No.	Cond. Size Flexible (mm <sup>2</sup> )	Stud (mm)	Dimensions (mm)						Std. Pkg.	6-Tons TBMG2BSCR (Crimps)	14-Tons BPLT14BSCRI (Crimps)
			Ø1	B	M	N	L	D			
MCCNT10M5	10	5	4.6	9.0	6.5	6.0	26.0	5.3	100	MCD10-6 (1)	MCD10-14 (1)
MCCNT16M5	16	5	5.8	9.0	6.5	6.0	29.0	5.3	100	MCD16-6 (1)	MCD16-14 (1)
MCCNT25M5	25	5	7.0	9.0	6.5	6.0	31.5	5.3	100	MCD25-6 (1)	MCD25-14 (1)
MCCNT35M6	35	6	8.9	11.5	8.0	7.0	36.5	6.4	100	MCD35-6 (2)	MCD35-14 (1)
MCCNT50M6	50	6	10.0	11.5	8.0	7.0	40.5	6.4	50	MCD50-6 (1)	MCD50-14 (1)
MCCNT70M6	70	6	11.3	11.5	8.0	7.0	44.0	6.4	50	MCD70-6 (2)	MCD70-14 (1)
MCCNT95M8	95	8	13.5	15.5	9.0	8.0	52.5	8.0	25	MCD95-6 (1)	MCD95-14 (1)
MCCNT120M8	120	8	15.2	19.0	14.0	9.0	60.0	8.4	25	MCD120-6 (2)	MCD120-14 (1)
MCCNT120M10		10	15.2	19.0	14.0	9.0	60.0	10.5	25	MCD120-6 (2)	MCD120-14 (1)
MCCNT150M8	150	8	16.7	19.0	18.0	9.0	70.0	8.4	25	MCD150-6 (3)	MCD150-14 (1)
MCCNT150M10		10	16.7	19.0	18.0	9.0	70.0	10.5	25	MCD150-6 (3)	MCD150-14 (1)
MCCNT185M10	185	10	19.2	24.5	18.0	9.0	77.0	10.5	25	MCD185-6 (3)	MCD185-14 (1)
MCCNT240M10	240	10	21.1	31.0	13.0	9.0	80.0	10.5	15	MCD240-6 (3)	MCD240-14 (1)
MCCNT240M12		12	21.1	31.0	16.0	12.0	86.0	13.2	15	MCD240-6 (3)	MCD240-14 (1)
MCCNT240M16		16	21.1	31.0	19.0	17.0	94.0	17.0	15	MCD240-6 (3)	MCD240-14 (1)
MCCNT300M12	300	12	23.7	31.0	16.0	12.0	95.0	13.2	10	-	MCD300-14 (3)

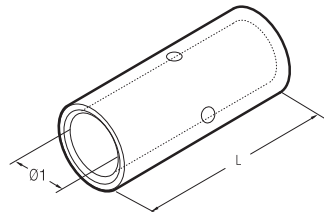
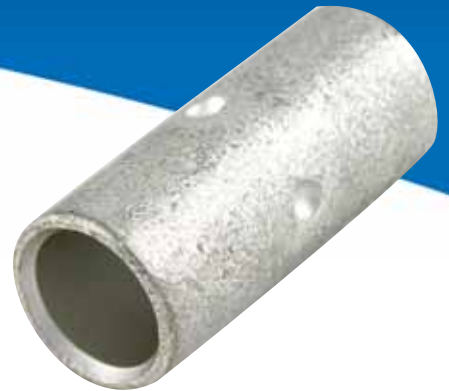
## Compression Connectors for Copper Conductors

### Two-Way Metric Splice Connectors

Color-Keyed® metric splice connectors are designed for joining low voltage conductors.

Made of electrolytic copper tube having similar dimensions to the Color-Keyed® metric lugs, these connectors are also annealed and electrolytically tin-plated.

They feature an internal chamfer at both ends. For easy insertion of the conductor, a center stop is provided to ensure correct positioning.



Cat. No.	Cond. Size (mm <sup>2</sup> )		Dimensions (mm)		Std. Pkg.	6-Tons TBM62BSCR (Crimps)	14-Tons BPLT14BSRI (Crimps)	26-Tons TBM26MCC (Crimps)	60-Tons TBM60MCC (Crimps)
	Low Stranded	Flexible	Ø1	L					
MCST1	0.25 ÷ 1.5	0.25 ÷ 1.5	1.8	15	100	-	-		
MCST2	1.5 ÷ 2.5	1.5 ÷ 2.5	2.4	15	100				
MCST6	4 ÷ 6	4 ÷ 6	3.6	22	100	MCD6-6 (1 + 1)			
MCST10	10	10	4.6	25	100	MCD10-6 (1 + 1)	MCD10-14 (1 + 1)		
MCST16	16	16	5.8	27	100	MCD16-6 (1 + 1)	MCD16-14 (1 + 1)		
MCST25	25	25	7.0	29	100	MCD25-6 (1 + 1)	MCD25-14 (1 + 1)		
MCST35	35	25 ÷ 35	8.9	33.2	100	MCD35-6 (1 + 1)	MCD35-14 (1 + 1)		
MCST50	50	35 ÷ 50	10.0	37	50	MCD50-6 (2 + 2)	MCD50-14 (1 + 1)	-	-
MCST70	70	50 ÷ 70	11.3	39	50	MCD70-6 (2 + 2)	MCD70-14 (1 + 1)		
MCST95	95	70 ÷ 95	13.5	43	25	MCD95-6 (2 + 2)	MCD95-14 (1 + 1)		
MCST120	120	95 ÷ 120	15.2	47	25	MCD120-6 (2 + 2)	MCD120-14 (1 + 1)		
MCST150	150	120 ÷ 150	16.7	58	25	MCD150-6 (3 + 3)	MCD150-14 (1 + 1)		
MCST185	185	150 ÷ 85	19.2	64	25	MCD185-6 (3 + 3)	MCD185-14 (1 + 1)		
MCST240	240	185 ÷ 240	21.1	75	15	MCD240-6 (3 + 3)	MCD240-14 (2 + 2)		
MCST300	300	240	23.7	90	10		MCD300-14 (3 + 3)		
MCST400	400	300	27.0	94	5		MCD400-14 (3 + 3)	MCD400-26 (2 + 2)	MCD400-60 (2 + 2)
MCST500	500	400	30.3	98	6			MCD500-26 (2 + 2)	MCD500-60 (2 + 2)
MCST630	600 ÷ 630	500	33.4	105	6			MCD630-26 (2 + 2)	MCD630-60 (2 + 2)
MCST800	800	600	38.0	112	3				MCD800-60 (2 + 2)
MCST1000	1000	800	44.0	120	3				MCD1000-60 (2 + 2)



## Compression Connectors for Copper Conductors

### Two-Way Splice Connectors — Standard Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>

Two-way connectors provide high-pullout values, are easy to insulate and provide a low-resistance connection of high quality and low installed cost.



**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated

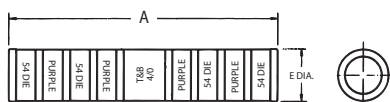
Cat. No.	Wire Size		Dimensions in. (mm)		Die Set Cat. No.	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M*	A	E		
54504	#8 AWG	#8 AWG, 37/24, #8 Weld	1.00 (25.4)	0.27 (6.9)	21	Red
54505	#6 AWG	#6 AWG, 61/24, #6 Weld, 133/0.014	1.00 (25.4)	0.30 (7.6)	24	Blue
54506	#4 AWG	#4 AWG, 91/24, 133/0.0177, 49/0.029	1.00 (25.4)	0.37 (9.4)	29	Grey
54507	#2 AWG	125/24, #4 Weld	1.25 (31.8)	0.41 (10.4)	33	Brown
54508	#1 AWG	#2 AWG, 150/24, 175/24, #2 Weld, 133/0.0223	1.50 (38.1)	0.47 (11.9)	37	Green
54509	1/0 AWG	225/24, #1 Weld, 133/0.0254	1.63 (41.4)	0.52 (13.2)	42	Pink
54510	2/0 AWG	1/0 AWG, 275/24, 1/0 Weld, 427/0.0155, 133/0.0282	1.75 (44.5)	0.57 (14.5)	45	Black
54511	3/0 AWG	2/0 AWG, 325/24, 2/0 Weld, 133/0.0316, 259/0.0227, 427/0.0177	1.75 (44.5)	0.63 (16.0)	50	Orange
53962	-	375/24, 179 kcmil, 133/0.0355, 259/0.0255, 427/0.0199	1.81 (46.0)	0.70 (17.8)		
54512	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld, 703/0.0154	1.88 (47.8)	0.70 (17.8)	54	Purple
54513	250 kcmil	4/0 AWG, 550/24, 4/0 Weld, 133/0.0399, 259/0.0286, 637/0.0183	2.25 (57.2)	0.77 (19.6)	62	Yellow
53964	-	4/0 AWG, 550/24, 4/0 Weld, 133/0.0399, 259/0.0286, 637/0.0183	2.13 (54.1)	0.79 (20.1)		
54514	300 kcmil	300 kcmil, 775/24 (313 kcmil)	2.13 (54.1)	0.83 (21.1)	66	White
54515	350 kcmil		-	2.25 (57.2)	0.90 (22.9)	71
54516	400 kcmil	-	2.75 (69.9)	0.93 (23.6)	76	Blue
53968	-	300 kcmil, 775/24 (313 kcmil)	3.00 (76.2)	1.13 (28.7)	87	Brown
54518	500 kcmil		-	2.75 (69.9)		
54520	600 kcmil	-	3.00 (76.2)	1.18 (30.0)	94	Green
54522-TB	700 kcmil	1325/24 = 500/535 kcmil, 427/0.0342	3.25 (82.6)	1.23 (31.2)	99	Pink
53969	-		-	3.00 (76.2)		
54523-TB	750 kcmil	-	3.00 (76.2)	1.30 (33.0)	106	Black
54528	1000 kcmil	-	3.63 (92.2)	1.50 (38.1)	125	-
54530	1250 kcmil	-	4.13 (104.9)	1.67 (42.4)	140	-

<sup>‡</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.  
<sup>\*</sup> Consult your Regional Sales Office for complete list of flex cable class sizes M.

Tooling: pp. E4-E62  
 Die Selector Chart: pp. E35-E50

### Two-Way Splice Connectors — Long Barrel Certified to 600 V and Recommended up to 35 kV<sup>‡</sup>

**Material:** High-Conductivity Wrought Copper  
**Finish:** Electro-Tin Plated



Cat. No.	Wire Size		Dimensions in. (mm)		Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M	A	E		
54804	#8 AWG	#8, 37/24 = 14.9 kcmil	1.75 (44.5)	0.27 (6.9)	21	Red
54805	#6 AWG	#6, 61/24 = 24.6 kcmil	1.75 (44.5)	0.31 (7.9)	24	Blue
54806	#4 AWG	#4, 91/24 = 36.7 kcmil	1.75 (44.5)	0.39 (9.9)	29	Grey
54807	#2 AWG	125/24 = 50.4 kcmil	1.88 (47.8)	0.43 (11.0)	33	Brown
54808	#1 AWG	#2, 150/24 = 60.5 kcmil 175/24 = 70.6 kcmil	2.00 (50.8)	0.49 (12.4)	37	Green
54809	1/0 AWG	225/24 = 90.8 kcmil	2.00 (50.8)	0.54 (13.7)	42	Pink
54810	2/0 AWG	1/0, 275/24 = 111 kcmil	2.13 (54.1)	0.59 (15.0)	45	Black
54811	3/0 AWG	2/0, 325/24 = 131 kcmil	2.25 (57.2)	0.65 (16.5)	50	Orange
54812	4/0 AWG	450/24 = 182 kcmil	2.75 (69.9)	0.72 (18.3)	54	Purple
54813	250 kcmil	4/0, 550/24 = 222 kcmil	3.38 (85.9)	0.79 (20.1)	62	Yellow

<sup>‡</sup> For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

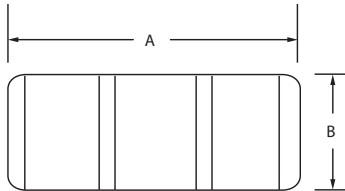
Cat. No.	Wire Size		Dimensions in. (mm)		Die Code	Colour Code
	Code Cable	Flex Cable Classes G, H, I, K, M	A	E		
54814	300 kcmil	250, 650/24 = 262 kcmil	3.50 (88.9)	0.87 (22.1)	66	White
54815	350 kcmil	-	3.75 (95.3)	0.95 (24.1)	71	Red
54816	400 kcmil	775/24 = 313 kcmil	3.75 (95.3)	0.98 (24.9)	76	Blue
54818	500 kcmil	350, 925/24 = 373 kcmil	4.75 (120.6)	1.11 (28.2)	87	Brown
54820	600 kcmil	1100/24 = 444 kcmil	4.25 (108.0)	1.21 (30.7)	94	Green
54823	750 kcmil	500, 1325/24 = 535 kcmil	4.75 (120.6)	1.34 (34.0)	106	Black
58524	-	1600/24 = 646 kcmil	5.00 (127.0)	1.39 (35.3)	106	-
58526*	900 kcmil	750, 1925/24 = 777 kcmil	5.50 (139.7)	1.51 (38.4)	115	Yellow
54828	1000 kcmil	-	5.63 (143.0)	1.56 (39.6)	125	-
54833	1500 kcmil	-	5.63 (143.0)	1.56 (39.6)	125	-
54839	2000 kcmil	-	7.06 (179.3)	2.13 (54.1)	-	-

\*CSA approved code cable only.

Tooling: pp. E4-E62  
 Die Selector Chart: pp. E35-E50

## Compression Connectors for Copper Conductors

**Copper Two-Way Splice — Certified to 600 V and Recommended up to 15 kV**



Cat. No.	Cable Size**	Dimensions in. (mm)		Installing Tools 14 and 15-Tons*		
		A	B	Die Set Cat. No.	Strip Length (in.)	Colour Code
54006-TB	#4 AWG	2.00 (50.8)	0.37 (9.4)	15CA29R	1-1/2	Grey
54007-TB	#2 AWG	2.13 (54.1)	0.41 (10.4)	15CA33R	1-5/8	Brown
54008-TB	#1 AWG	2.25 (57.2)	0.47 (11.9)	15CA37R	1-5/8	Green
54009-TB	1/0 AWG	2.38 (60.5)	0.52 (13.2)	15CA42R	1-3/4	Pink
54010	2/0 AWG	2.38 (60.5)	0.57 (14.5)	15CA45R	1-3/4	Black
54011	3/0 AWG	2.63 (66.8)	0.63 (16.0)	15CA49R	1-13/16	Orange
54012-TB	4/0 AWG	2.69 (68.3)	0.69 (17.5)	15CA54R	1-13/16	Purple
54013	250 kcmil	3.19 (81.0)	0.74 (18.8)	15CA60R	2-1/8	Ruby
54015	350 kcmil	4.13 (104.9)	0.89 (22.6)	15CA71R	2-5/8	Red
54018	500 kcmil	4.13 (104.9)	1.06 (40.6)	15CA87R	2-5/8	Brown
54023	750 kcmil	4.75 (120.7)	1.30 (33.0)	15CA106R	2-7/8	Black

\*Cat. No. 15505-TB Die Adaptor required for TBM15L.  
 \*\* Cable Size: Concentric and Compact strandings.

Tooling: pp. E4-E62  
 Die Selector Chart: pp. E35-E50

## Cast-Copper Two-Way Splice Connectors – Heavy-Duty Certified to 600 V and Recommended up to 35 kV‡

**Material:** High-Conductivity Wrought Copper

**Finish:** Electro-Tin Plated



Cat. No.	Cable Size	Die Code
53504	8 AWG	29
53505	6 AWG	
53506	4 AWG	
53507	2 AWG	45
53508	1 AWG	
53509	1/0 AWG	
53510	2/0 AWG	66
53511	3/0 AWG	
53512	4/0 AWG	
53513	250 kcmil	76
53515	350 kcmil	99
53518	500 kcmil	
53523	750 kcmil	112

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.  
 Use hydraulic tools with hex dies 13642M, 13400 and 21940.  
 Tooling: pp. E4-E62  
 Die Selector Chart: pp. E35-E50





## Constant O.D. enables faster, easier installation than contoured design

Thomas & Betts takes the splicing of different-sized conductors to a new level of economy and efficiency with Color-Keyed® Cast-Copper Reducing Splices. In addition to a lower cost, the key benefit to these splices is in their constant outer diameter. Unlike screw-machined, externally contoured splices, Cast-Copper Reducing Splices require no change of tool or die between crimping each end. Just slide each wire easily into the chamfered barrel and use the same Color-Keyed® tool and die to crimp both ends. The consistent O.D. also makes these splices faster and easier to insulate with clear heat-shrink wrap than a contoured splice. Sand-cast construction ensures high-tensile strength for heavy-duty applications and tin-plated copper material provides high-conductivity and superior corrosion-resistance.

- Ideal for telecom (inside office/outside plant), commercial, industrial MRO, and any other certified to 600 V and recommended up to 35 kV<sup>g</sup> applications requiring splicing of different-sized conductors.
- Tin-plated, sand-cast copper construction provides superior tensile strength, high-conductivity and excellent corrosion-resistance.
- Easier to install and insulate than screw-machined, contour-designed reducing splices.
- Constant O.D. saves time on installation by eliminating the need for crimp-tool/die change.
- Fast and simple to insulate with clear or coloured heat-shrink wrap.
- Chamfered barrel facilitates easy wire insertion.
- Compact, low-profile design takes up minimal space in cable tray or wire run.
- Simple installation with Color-Keyed® crimp tools (12, 14 and 15-Tons).

## Compression Connectors for Copper Conductors

### Cast-Copper Reducing Splices



Cat. No.	Cond. 1 Size	Cond. 2 Size	Length in. (mm)	Dia. in. (mm)	Die Code	Colour Code
251-30485-19	4/0 Str.	2 Str.	2.25 (57.2)	0.81 (20.6)	66	White
251-30485-91	500 kcmil Str.	300 kcmil Str.	3.31 (84.1)	0.81 (20.6)	99	Pink
251-30485-229	2/0 Str.	250 kcmil Str.	2.38 (60.5)	0.93 (23.6)	76	Blue
251-30485-247	2 Str.	8 Str.	0.56 (14.2)	0.59 (15.0)	45	Black
251-30485-294	4 Str.	2/0 Str.	2.25 (57.2)	0.84 (21.3)	66	White
251-30485-295	4/0 Str.	4 Str.	2.25 (57.2)	0.81 (20.6)	99	Pink
251-30485-331	4/0 Str.	350 kcmil Str.	3.31 (84.1)	0.53 (13.5)	66	White
251-30485-445	4/0 Str.	2/0 Str.	2.25 (57.2)	0.81 (20.6)	45	Black
251-30485-495	1/0 Str.	2 Str.	1.56 (39.6)	0.59 (15.0)	29	Grey
251-30485-610	6 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	45	Black
251-30485-611	4 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	66	White
251-30485-612	4 Str.	6 Str.	1.21 (30.7)	0.38 (9.7)	76	Blue
251-30485-613	2 Str.	6 Str.	1.56 (39.6)	0.59 (15.0)	99	Pink
251-30485-640	4/0 Str.	1/0 Str.	2.25 (57.2)	0.81 (20.6)	45	Black
251-30485-653	2 Str.	250 kcmil Str.	2.38 (60.5)	0.93 (23.6)	66	White
251-30485-739	1/0 Str.	250 kcmil Str.	2.38 (60.5)	0.93 (23.6)	76	Blue
251-30485-882	400 kcmil Str.	350 kcmil Str.	3.31 (84.1)	0.53 (13.5)	99	Pink
251-30485-950	1/0 Str.	6 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-951	6 Str.	2/0 Str.	2.25 (57.2)	0.84 (21.3)	66	White
251-30485-1027	1/0 Str.	4 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-1029	1/0 Str.	#12 Str.	1.56 (39.6)	0.57 (14.5)	45	Black
251-30485-1030	10 Str.	4 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1031	12 Str.	4 Str.	1.21 (30.7)	0.38 (9.7)	45	Black
251-30485-1032	#6 Str.	#10 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1033	12 Str.	6 Str.	1.21 (30.7)	0.38 (9.7)	45	Black
251-30485-1034	14 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1035	1 Str.	1/0 Str.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-1044	10 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1045	12 Str.	8 Str.	1.21 (30.7)	0.38 (9.7)	45	Black
251-30485-1085	10 Str.	1/0 Str.	1.56 (39.6)	0.59 (15.0)	66	White
251-30485-1086	10 Str.	2/0 Str.	2.25 (57.2)	0.84 (21.3)	76	Blue
251-30485-1087	4 Str.	250 kcmil Str.	2.38 (60.5)	0.93 (23.6)	99	Pink
251-30485-1088	400 kcmil Str.	250 kcmil Str.	3.31 (84.1)	0.53 (13.5)	29	Grey
251-30485-1089	14 Str.	8 Sol.	1.21 (30.7)	0.38 (9.7)	45	Black
251-30485-1090	12 Str.	8 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1091	10 Str.	8 Sol.	1.21 (30.7)	0.38 (9.7)	45	Black
251-30485-1092	12 Str.	6 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1093	8 Str.	6 Sol.	1.21 (30.7)	0.38 (9.7)	45	Black
251-30485-1094	4 Str.	6 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1095	2 Str.	6 Sol.	1.56 (39.6)	0.59 (15.0)	45	Black
251-30485-1096	12 Str.	4 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1097	10 Str.	4 Sol.	1.21 (30.7)	0.38 (9.7)	45	Black
251-30485-1098	8 Str.	4 Sol.	1.21 (30.7)	0.38 (9.7)	29	Grey
251-30485-1099	6 Str.	4 Sol.	1.21 (30.7)	0.38 (9.7)	45	Black
251-30485-1100	1/0 Str.	4 Sol.	1.56 (39.6)	0.59 (15.0)	29	Black
251-30485-1130	Cast Copper*	12-4 Str.	1.28 (32.5)	0.38 (9.7)	66	White
251-30485-1245	1/0 Flex	#4 Flex	2.25 (57.2)	0.81 (20.6)	45	Black
251-30485-1246	#4 Flex	#8 Flex	1.56 (39.6)	0.57 (14.5)	66	White
					45	Black

\* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.  
\* Cast Copper – Field Modifiable Special.